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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 5964

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<210> 5965
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<400> 5965

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<400> 5966

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<212> DNA
<213> *Aspergillus nidulans*

<223> unsure at all n locations
<400> 5967

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<212> DNA
<213> *Aspergillus nidulans*

<400> 5968

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<210> 5969

<211> 455

<212> DNA

<213> *Aspergillus nidulans*

<400> 5969

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<210> 5970

<211> 503

<212> DNA

<213> *Aspergillus nidulans*

<223> unsure at all n locations

<400> 5970

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 <212> DNA
 <213> Aspergillus nidulans
 <400> 5971

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<210> 5972
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 <212> DNA
 <213> Aspergillus nidulans
 <400> 5972

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<210> 5973
 <211> 587
 <212> DNA
 <213> Aspergillus nidulans

<400> 5973

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<210> 5974
 <211> 1098
 <212> DNA
 <213> Aspergillus nidulans

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<210> 5975
 <211> 463
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 5975
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<400> 5977

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 <213> Aspergillus nidulans

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<210> 5980
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 <213> Aspergillus nidulans

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<210> 5983
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 <212> DNA
 <213> Aspergillus nidulans

<400> 5983

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<210> 5984
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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 5985
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 <213> Aspergillus nidulans

<400> 5985

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 <212> DNA
 <213> *Aspergillus nidulans*

 <400> 5987

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<210> 5988

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<212> DNA

<213> Aspergillus nidulans

<400> 5988

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<210> 5989

<211> 579

<212> DNA

<213> Aspergillus nidulans

<400> 5989

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 <212> DNA
 <213> Aspergillus nidulans

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 <213> Aspergillus nidulans

<400> 5992

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<210> 5993
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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 5994

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<212> DNA
<213> Aspergillus nidulans

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<210> 5997
<211> 652
<212> DNA
<213> Aspergillus nidulans

<400> 5997

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<210> 5998

<211> 594

<212> DNA

<213> *Aspergillus nidulans*

<400> 5998

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<210> 5999

<211> 535
 <212> DNA
 <213> Aspergillus nidulans

<400> 5999

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<210> 6000
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<400> 6000

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6001

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<210> 6002
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 <212> DNA
 <213> *Aspergillus nidulans*

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 <211> 643
 <212> DNA

<213> Aspergillus nidulans

<400> 6003

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<210> 6004

<211> 1011

<212> DNA

<213> Aspergillus nidulans

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 <213> *Aspergillus nidulans*

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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 6007
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<212> DNA
<213> *Aspergillus nidulans*
<223> unsure at all n locations
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<212> DNA
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<210> 6009
<211> 1419
<212> DNA
<213> *Aspergillus nidulans*

<400> 6009

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<210> 6010
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 <212> DNA
 <213> *Aspergillus nidulans*

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 <213> *Aspergillus nidulans*

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<212> DNA
<213> *Aspergillus nidulans*

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<210> 6013
<211> 379
<212> DNA
<213> Aspergillus nidulans

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<210> 6014
<211> 499
<212> DNA
<213> Aspergillus nidulans

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<210> 6015
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 <212> DNA
 <213> Aspergillus nidulans

<400> 6015

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<210> 6016
 <211> 459
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 6016

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 ttttatgata aattttcttt taaatttata ataaaaaaaa attatattat ttattataga 180
 tagtaggtag ttcaggcagc ttatagttat ataaattatt tttaaagtga gagattattc 240
 tctgctagaa tttcaatata taaaatatat tttagaaaga gaaaattata gaatatctta 300
 attatactta aataagccag ggaataattc tggatatctta taaatttatc acccacaata 360
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<210> 6017
 <211> 387
 <212> DNA

<213> Aspergillus nidulans

<400> 6017

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<210> 6018

<211> 515

<212> DNA

<213> Aspergillus nidulans

<400> 6018

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<210> 6019

<211> 485

<212> DNA

<213> Aspergillus nidulans

<400> 6019

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<210> 6020
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6020

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<210> 6021
 <211> 858
 <212> DNA
 <213> Aspergillus nidulans

<400> 6021

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<210> 6022
 <211> 556
 <212> DNA
 <213> Aspergillus nidulans

<400> 6022

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<210> 6024
 <211> 1353
 <212> DNA
 <213> *Aspergillus nidulans*

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<211> 875
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
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<210> 6026
 <211> 829
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6026

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<210> 6027
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6027

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<210> 6028

<211> 621

<212> DNA

<213> *Aspergillus nidulans*

<400> 6028

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aatcctgcag aggtgtatac atcattgtgg tttgggcagg ggtggaacct aaatcagact 600
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<210> 6029
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 <212> DNA
 <213> Aspergillus nidulans

<400> 6029

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<210> 6030
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 <212> DNA
 <213> Aspergillus nidulans

<400> 6030

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<210> 6031
<211> 516
<212> DNA
<213> *Aspergillus nidulans*

<400> 6031
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<210> 6032
<211> 563
<212> DNA
<213> *Aspergillus nidulans*

<400> 6032
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<210> 6033
 <211> 480
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 6033

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<210> 6034
 <211> 481
 <212> DNA
 <213> Aspergillus nidulans
 <400> 6034

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cagaaactgt gcgtggtttg tcaggcatag acgacgcccg cgcggaggag atcgacaatg 240
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cgatcaccat gtcaataagt gagccgttcg gtatgaacaa cgtgctcctt gagcctcccg 420
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g 481

<210> 6035
<211> 565
<212> DNA
<213> Aspergillus nidulans

<400> 6035
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<210> 6036
<211> 944
<212> DNA
<213> Aspergillus nidulans

<400> 6036
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gttttgctgc acaggacaaa tgagagagtg ctaatgtatg ctcaatataa caaagatcta 180

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 ggggtgggatt caaagcccca gcgacgggg ctcagcagat acaagtcgga cggcgtcagg 300
 gtcataact tggagtcaag tcagacgca atcagaagta cattacgcgg gacaaaactc 360
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 tgagcgagta accaacgcca accaccagtc gagcttctaa atcatctcta accaaacaac 540
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 ctgacgccag caatcacgca tcaccgtcgc cctcatcccc cctaactctg cctaaccgtc 840
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<210> 6037
 <211> 574
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6037

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 atgatttcga gtccgtttca agcaagttcg tctctttttg cttctgacgg tgctgctgct 180
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 gctgataacg gcgatgccca ttgcataag aggagtttct cagccagtga tgcttgtttt 360
 gggtcagagg agcccggtt tgggtggcgg ggttacaaca ggttccttca cgggtggttta 420
 ggtgatgatt ttgattctcc tgggtggtttt ggctcgccgg attatgtttc tagacagcaa 480
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<210> 6038
 <211> 613
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6038

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tggttagctg cagaaagctt gccaacggct tgaactcctt gtcggcagac cagccggcag  180
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catagggacg aaacaactcc taaattctcc cacgttcgct tcttctgtta ttgtattctt  480
atcaatcatt tgcgcctgct tatacctgtc agactaaaat ggcttcacaa cctgctgtat  540
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<210> 6039
 <211> 760
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6039

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tgacgcatat agaaagctgc cctccagtgt cactgacctt ggctttctga ggaactgaac  180
tcagcatcct cggcttattg agagtaaacy ttaaggtaca atacttggtc tgtggcgctca  240
tggtggataa tgtgtttggg ggtctcgcta acgatcctcc cagactgagt ccgtgcggct  300
ggcataagta accgagacaa gtattgtgag tgacggagcg ctcttgagc ttgaagatcc  360
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gagcttgccg gctgcaccgt cctcgccggg atttatcagt gagcgctcgag caactcgaag  480
  
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cattgagcac tgcgggtgct agaaactggt cacttgaagt tgaagcaaag gagcagcgct 540
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 ctactggtct tcaaccagaa tagccgtact tgcgctacag gactaatcag aagacgatgg 660
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<210> 6040
 <211> 757
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 6040

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 gcagcaacgc cagcagcagg ctgctcctaa tcttgcttct aatccaacta attacccgcc 180
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 ctgggacgaa gtgaatgctt ccatgtcgga cctagcaggt ggccccggta tgtccgggct 600
 tggaagtaat ggccgggagt caaatggagc ttctagggct gcccaaggcc caattcccgt 660
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<210> 6041
 <211> 892
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 6041

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 tcatcaattg accgaatcgc attgagaatt cctcaatnga ttcgattcac ggtctaaagt 720
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 cgactccaga ctgctgctgc ccccatgagc gtgttaagct cctcattcag acccaggatg 840
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<210> 6042
 <211> 580
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6042

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<210> 6043
<211> 452
<212> DNA
<213> Aspergillus nidulans

<400> 6043

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<210> 6044
<211> 560
<212> DNA
<213> Aspergillus nidulans

<400> 6044

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caggatgtta agatggagga tgaggaggaa ggcgaagacc ccgtgccaga actcacgcgg 180
gctcatttcg aagaggctat gaagacagcc cgacgatctg tcagcgatgt ggagattcgc 240
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560

<210> 6045
<211> 511
<212> DNA
<213> Aspergillus nidulans

<400> 6045

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<210> 6046
<211> 495
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 6046

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ggcgacgacc atctggatac tattgagact cggcggcgcg tcgcattggc ttacgcatac 180
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<210> 6047
 <211> 671
 <212> DNA
 <213> Aspergillus nidulans

<400> 6047

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<210> 6048
 <211> 649
 <212> DNA
 <213> Aspergillus nidulans

<400> 6048

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aatgattccg tccgtccgga tccttggcct ggccctaggga gggttattca gcataaaggg 600
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<212> DNA
<213> Aspergillus nidulans

<400> 6049

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<211> 574
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
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<210> 6051
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<212> DNA
<213> Aspergillus nidulans

<400> 6051

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ccaaagcatg caaatttgct gattagatcc gttgtgttga ataataattt attttgtacc 420
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<210> 6052
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<212> DNA
<213> Aspergillus nidulans

<400> 6052

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<210> 6053
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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 6054
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 <213> *Aspergillus nidulans*

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<210> 6056
 <211> 1357
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6056

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 <213> Aspergillus nidulans

 <223> unsure at all n locations
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cccgacagag caagaatgca aaagagacgc caccagaagc cagaataccg ctagacaggg 540
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<210> 6058
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 <212> DNA
 <213> Aspergillus nidulans

 <400> 6058

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tggttagcgt tctgtattca aaatgactaa gcaccgcgga aacggagaaa caagcgatcc 420
  
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<210> 6059
<211> 121
<212> DNA
<213> Aspergillus nidulans

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<210> 6060
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<212> DNA
<213> Aspergillus nidulans

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cgagtttctt ggagttgacc gaccaagatc gtcggtaaata gtaggtaagc ggcgtaatat 180
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<210> 6061
<211> 524
<212> DNA
<213> Aspergillus nidulans

<400> 6061
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<210> 6062
 <211> 830
 <212> DNA
 <213> *Aspergillus nidulans*

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 gcaacagcat atatttattc cgaagctgtt tccaaatggc acgggcctca atggccaggc 720
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<210> 6063

<211> 369
 <212> DNA
 <213> Aspergillus nidulans

<400> 6063

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caacgggagt ccgttgcac gtgatctgat ctgacacac ggaatggagt tgagtagccc 240
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<210> 6064
 <211> 400
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
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<210> 6065
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 <212> DNA
 <213> Aspergillus nidulans

<400> 6065

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ccaagacact acaccagcat ctgacagaag aaacatagta ctatcaaaca tattatggta 180
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<210> 6066
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<212> DNA
<213> *Aspergillus nidulans*

<400> 6066
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atcgggtgga tgacttgtca gcgtgctggg gtcgcccttc ggtacggat tacgggagac 180
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agctcgcgctt tttgag 256

<210> 6067
<211> 482
<212> DNA
<213> *Aspergillus nidulans*

<400> 6067
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<210> 6068
 <211> 483
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6068

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<210> 6069
 <211> 170
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6069

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 agtacgtcga gccacactgg cgtaacgcga tgtgagttcg atactcaggt 170

<210> 6070
 <211> 629
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6070

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aatattaaat attcaatgtt aaagcaccgc gtcaaagggc gtgcttcacg cgttgattta 180
aaaccaaata gccaaaaatt cacctctaca gaagaatcta ttctttaaaa ttggataata 240
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<210> 6071

<211> 601

<212> DNA

<213> *Aspergillus nidulans*

<400> 6071

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c 601

<210> 6072
 <211> 719
 <212> DNA
 <213> Aspergillus nidulans

<400> 6072

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<210> 6073
 <211> 607
 <212> DNA
 <213> Aspergillus nidulans

<400> 6073

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<210> 6074
<211> 681
<212> DNA
<213> *Aspergillus nidulans*

<400> 6074

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<210> 6075
<211> 395
<212> DNA
<213> *Aspergillus nidulans*

<400> 6075

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acacatcaaa ttgtgacggt gttttgcagg aaccttagga taccctcgaa atcttgactc 180

ataactcggg ccgatgcgct ggaagggcag actatcctaa catgctacag tgtacagctg 240
 tgattgactg acttacaaag agattgggggt gaacgtcaac ataaatgcct atgatactat 300
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<210> 6076
 <211> 334
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6076

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 tttgcacaat ccacgagccg tcagctgtat taggcgagat gttcgatgac ctgacccctc 240
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<210> 6077
 <211> 547
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6077

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 tgttcgggcc tgaaagggtc ctaaatagtt tgtacgggaa acccaatccc cgaaggctgg 480
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547

<210> 6078
<211> 459
<212> DNA
<213> Aspergillus nidulans

<400> 6078

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<210> 6079
<211> 704
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 6079

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<210> 6080
 <211> 505
 <212> DNA
 <213> Aspergillus nidulans

<400> 6080

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<210> 6081
 <211> 468
 <212> DNA
 <213> Aspergillus nidulans

<400> 6081

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 aaccatcggt tgcgacatgg tcgttggttg cgttccgag gttaccggcc gcgacggaat 420

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468

<210> 6082
<211> 522
<212> DNA
<213> *Aspergillus nidulans*

<400> 6082

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<210> 6083
<211> 400
<212> DNA
<213> *Aspergillus nidulans*

<400> 6083

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<210> 6084
<211> 777
<212> DNA

<213> Aspergillus nidulans

<400> 6084

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<210> 6085

<211> 505

<212> DNA

<213> Aspergillus nidulans

<400> 6085

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505

<210> 6086
<211> 518
<212> DNA
<213> *Aspergillus nidulans*

<400> 6086

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<210> 6087
<211> 493
<212> DNA
<213> *Aspergillus nidulans*

<400> 6087

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ttgggaatga gat 493

<210> 6088
 <211> 714
 <212> DNA
 <213> *Aspergillus nidulans*

 <223> unsure at all n locations
 <400> 6088

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 gcacccgctc aaaggccgc tgcacctttg actctgccta caccgaggt aggaagttct 660
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<210> 6089
 <211> 934
 <212> DNA
 <213> *Aspergillus nidulans*

 <400> 6089

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 cgtcgctcca tccgttgctc atcgaatatg gggctaccct gtttctaccg acgatatcag 240
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 cgctcttata gacaagaagg gctggtggac ctcgcttccc agccggccgt caacggcggtg 420

cgcagcgcgcg accccatctt cggctgggggt cctcctggcg agggcttcgt cttccaaaaa 480
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 tcttctcttc ccgccgaaac atcagacacc gagcccggtg agatgaaccc gaacaatgtc 660
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 gtatttttaa aaaagggtt tgggggcttt tggg 934

<210> 6090
 <211> 488
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6090

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 ttgtccaatc cgtcagagtc gtcccgaggaa ctagcggcca gggactccat agtgtttgct 180
 aaagacatgg ttgcgttgct tttttatgtc tcagcctagc catggcactt aagtgcactg 240
 cgaccttgct tccctcctgc caatagtcac tcgaaacttc gggctctgac ggatctaata 300
 ataaggcctc ggggtgaactg agagtcctgg cgaagcagac catattcatg cgcattcggt 360
 acgttggggg attcccggaa tggtcgagg ccatcagttg aggctgcaca gtcacatcaat 420
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 acagtatg 488

<210> 6091
 <211> 884
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6091

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 ctaactgctg attgctaaat gctgatggct gatgacttca ggtggcttct tcggcaacag 300
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 cttacgagta tactagcttc ggcgcctcgg cattctgcag tctcttcacc gaacaggaat 660
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 ctactggccg tgctcagggc atcggtacg tctcgcagct agccgcgaga ctgcagaacc 780
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<210> 6092
 <211> 475
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6092

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 atgaagcatg gaagccagtc gttgcggcca gatggggttt gtatagaagc tgaggtaatg 180
 gtaataatgt aattgagtga gagtaagtga ctgaagcatt acaagtaaata gagatttgcg 240
 agcctattat aaccagaaac aatatttact ttacactatt cttatatata ttactgatta 300
 ttccataagc acctcttgat gttgagtaat atcttcgac ttcgttcact tatgcttctc 360
 ctttccgctt catatctcct ttgcataacc tcttattcag cgttttttgag gcagcattac 420
 aatatttcag acatagctat ctttcgacag ccttccctg aggtgaagcct ctgaa 475

<210> 6093
 <211> 493
 <212> DNA
 <213> Aspergillus nidulans

<400> 6093

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 tcgtttcctg tttccaattg tattctcagc ttgagaacaa gagccctgca acttgatttg 180
 acatctatat caatctaatt tctcttatgt ttgtaccatt ataataagta tacgtcgcca 240
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 atacagagac aactcgccca tcacatcgca gtgtgacta tattttctgt tgcgtggac 360
 gaagtacgga tcgatccaca cgaagattaa gtttctttcg ccgcattata tattactgct 420
 gttgctgtag tgaacaccgg aagaacaac tcctcagaac acttctcaac caagtcacag 480
 ttcacactgt cgg 493

<210> 6094
 <211> 682
 <212> DNA
 <213> Aspergillus nidulans

<400> 6094

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 gcggatgggg tgggaaccac ccagtctgca gtcaagcagc gccggaaaaa tggcccacga 180
 gcagttgata gagagagcag cgtgtttcat agtctcaata tcctccaac tttccttcg 240
 cttccttcgt cggctccctc ccgtgccgc ccggaatata gttttatcaa ggctggaggt 300
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 cttgaataag tgactcgtac tgctaaatca ggaactcgta ccggcagatc tgtattcctg 480
 cttctcaatc ggcaatcaca aggaaaggcg tctctattgg ctttggggca cgaattgaat 540
 gcattaacct ttgagccagg tattgtgcca ttgaatacca tggttcaata tgcaatatag 600
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gctggtggag agacaatgtg ag

682

<210> 6095
<211> 762
<212> DNA
<213> Aspergillus nidulans

<400> 6095

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ttgcaggacg cgtatgtatg cagggtactga caggaacgtg tgcgctgctt ctatccggaa 180
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ccattcacac agcgagacag cctgggcctg ggcttggttt tg 762

<210> 6096
<211> 837
<212> DNA
<213> Aspergillus nidulans

<400> 6096

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aaaatactaa cattattact aaaccatata tccatttgt atatgcactt accacatagc 180
gatatactaa taatatttct aaatcaaata gtagaaataa taaggcaaata ataaagaaag 240
atatgctaaa ttgtgttcta tttgtccta aaaaggaatg aaaaccacat tcaaatgcac 300

tatctttctc ttgatatgga tatgaggtgg aaaatattaa attaacagct agcaagatta 360
 ttgctaatac tggattataa aataaaaaaa gttggtggtg gcatgtaaat ttttggtaa 420
 tttttaatt acccacccta taccgaagga taaattatct tacttcacat ttaatttatt 480
 tgtaaattaa caagattttg tttagctcct ttataataaa agccttatta aggaataatc 540
 cgtggttcca aatgcaatct aaaatgggtt aaaccgtgcc cttatgcggt ttttggactt 600
 aattaggccc atataaccgt cctcctgtcc taaactgtgg gtaccggcct ttttgcgggt 660
 accaaattaa ttttgaagggt taccaaagcg gccgtccgtt ttaatttttt tcggaaatta 720
 ttgtaaatga cctctttttc cttaaaaatt cttttgtggt agggataagc tccctctact 780
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<210> 6097
 <211> 528
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6097

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 aagggcagca cgatgcaccg cgtggcgcca agcctttgtt acctaggaga gggcgaagat 180
 tacaagata tatttgactt tgtggacttt ggtcaagaag caaacctctt cttgatggct 240
 gtcggatcga aaaggagacc gaccaaata gagcttgcc agatgatagt cagagaacca 300
 gctcgaatat cttcaacctt tcaaagcgga gaaaagtacc tcaagctctt acggacgctt 360
 gctgaggaca tgtctcttct aaggaaaaac aaagaattat ggcaagaaat gaaaagggtca 420
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 aaaattgtcg ataattctga tgacgaagac gaggtgaag acggtggt 528

<210> 6098
 <211> 799
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6098

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atcagcacat ttgatcaaca atccacaaac caaagtcttg tacatatcga tatcttgagg 120
 cttccagcca tctgttggtcc gggtattttc cgagtatttt tcttgcaaag cccccagtcg 180
 ttccatgaac ttctggtgaa caccatgtc tgtggccaag atagaactga taagcagctt 240
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 agcgttgggc ccaatcgatc catagctggg cagagcgccg atatgtagca aaaagcagaa 540
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 ggacgcgcga caagccagca aaaatgtctg gagctcgccg ggcgttaact tccactcctc 660
 cagctcgggt atcgtgaatg catgctgaag catcgcatgg gcggcaaaaa ccagttcatc 720
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 cgttcttcgc taacatagt 799

<210> 6099
 <211> 766
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6099
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 gagegcgaacc atttattaat acgaagcaaa cgactaccgc ctctggcggc aatacaataa 180
 cgccatctga taatgcgaca gaagaacttc ctcgcttgct gccggatcag cagcgacgtc 240
 cctctcccgc cgacgtcgcc tcaataaggc gaaaatgtgc actcggcatt ttaagtctga 300
 tccctcgccc aatcgcacgc cgtttggttg gtgttccgac cgagcctagc tctggggtta 360
 tatctacgca agttgaatct ccggccctat ctccgagcca gtttcaggcc gccgggctg 420
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 gtgacgcgga agagtcgctt ctcgcttcag ctatcgagtc caacatcctt gatctctttg 540
 cagatgagta ttgcaataag cacctcgtct actcaatcat tgagactgtg ctagctaagc 600

tcattgcctga gttatcggat cgtagcattg ctgagcttat ggacgacaga gcagtgttca 660
catctgctgt ttgagcttct cactaacgtg cttcatacac tttcaaagct ttgtatatag 720
ttagtaacgc tatcgtctta tgatccataa tgataatgat tgaatt 766

<210> 6100
<211> 512
<212> DNA
<213> *Aspergillus nidulans*

<400> 6100

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ctcgaccacg tctccgccaa cgaccggcag ccgcgcagag cgtcgaggat agagaggagc 180
tcgcgggtcg tgaatccgcc gggctctgcg gttccggtcg ctaccgctag aatcagcgga 240
caatggttct ccaccaaggg gtgaaatagg tacctggtgc aaaagcagga tccaaaacat 300
caatgtccac cgagatgtag accttgctgt taccaacgcg ggtcttgatc tcctccacta 360
caccggctac accgagacga tctagatccc gggctttgat aatcgagaag ccgcagcgga 420
tategtttct gatgtgcct ttaggacgga tgacggggcc gcgaattccg acgtgaatgg 480
agttgtcgcg gatgagtcct attcttgtga gt 512

<210> 6101
<211> 663
<212> DNA
<213> *Aspergillus nidulans*

<400> 6101

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aagataactca cttcctccct gcgcccttgt acctctgcaa cggcagccgc actcccagta 180
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gaggggacgc agatacagct gagagaaaga caaactcggg gtggcctatt gcgacgggtc 480
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 aacgtgtggc tgagcaggaa cctgaacagg aacaaaggca tctttcgggt caaataccgc 660
 gtc 663

<210> 6102
 <211> 718
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6102

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 tcatttaaaa gagttctgtg ggacgtatgg acgtcctggt gagctatctc agcttgcggt 240
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 ggcaaaacag agggttttga gtcttcttcc tccatctggg gcaggtttga ttgccctaac 360
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<210> 6103
 <211> 535
 <212> DNA
 <213> *Aspergillus nidulans*

<223> unsure at all n locations
 <400> 6103

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 actagcgggt tgcgtgatag tcgcatgcgg cttcggccct ccgtttgcgg tctgtagatg 420
 tagtcgactc agcgactgc acagacgagc gattgaccca gggcaaaca atcacggttg 480
 cagaaccttc tgttcaagcg gtgggaaggg ggaataggtt gagttgaatt gaaga 535

<210> 6104
 <211> 553
 <212> DNA
 <213> Aspergillus nidulans
 <400> 6104

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 caaacgccgg accaaggcac caggcaccgg cccccgcgac aaaaaacccc aacacaacgc 360
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 aacacgccag cgagacagac cccacacca agccgagcca cacaacaacc cgaccagcac 540
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<210> 6105
 <211> 508
 <212> DNA
 <213> Aspergillus nidulans
 <400> 6105

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 gtagcggact ttgggcctat cccaaaccca agggcgaagc gcgcaataaa taaagaccac 180
 caggtactgc aacatccttg ccagagacat gtcgtggccg agaagatgca agttataaaa 240
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 gcgcaacata gataaggagc ggcattgacc aatcctgaaa tccaattgtg tctggagatg 360
 ttctcgtctg ctatgccaaa ttgatgcttg tagaagatct gcgcaccgtt taccacggtt 420
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<210> 6106
 <211> 589
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6106

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 cctcttaciaa ctcatctaaa gagataaacg gtacctctgg acatttacga agtgtctaat 360
 gaggcattta tatgaaagt tgaagaaaga tgaagtcagc caacatagct cttaaactat 420
 atgagagttt ctaagtatgg aggcacgggt ttctttaatg gctgctcttg gagtgcacgt 480
 gttagcttgg cttgtttcaa ttgtgcgttg gggcaggttt tgaacctcag taaaccgcct 540
 ttgattgaca gtttataatg ttggcngat ccaactcact aaaatactg 589

<210> 6107
 <211> 530
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6107

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<210> 6108
 <211> 481
 <212> DNA
 <213> *Aspergillus nidulans*

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 a 481

<210> 6109
 <211> 548
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6109
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ggacacta 548

<210> 6110
<211> 504
<212> DNA
<213> Aspergillus nidulans

<400> 6110
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<210> 6111
<211> 740
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
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<210> 6112
 <211> 533
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6112
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 ctataaatag ccaaactagg tatattgctt agctatattt tagataatat tatatttata 180
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<210> 6113
 <211> 876
 <212> DNA

<213> Aspergillus nidulans

<400> 6113

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<210> 6114

<211> 665

<212> DNA

<213> Aspergillus nidulans

<400> 6114

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<210> 6115
 <211> 978
 <212> DNA
 <213> Aspergillus nidulans

<400> 6115

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<210> 6116
 <211> 795
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6116

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<210> 6117
 <211> 565
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6117

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- acaaagacgt tgtccctgat gtacgcttat acctcatatg cacacatatg gcttactaac 180
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taagaacggc gcagtgttca agcgggcagt gttcaagcat gtctcagacg cagcgaatgc 360
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<210> 6118
<211> 200
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
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<210> 6119
<211> 550
<212> DNA
<213> Aspergillus nidulans
<400> 6119

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<210> 6120
 <211> 502
 <212> DNA
 <213> Aspergillus nidulans

<400> 6120

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 <211> 1377
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
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<210> 6122
<211> 497
<212> DNA
<213> *Aspergillus nidulans*

<400> 6122

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<210> 6123
 <211> 445
 <212> DNA
 <213> *Aspergillus nidulans*

<223> unsure at all n locations
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6124

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 <211> 724
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6125

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<210> 6126

<211> 524

<212> DNA

<213> *Aspergillus nidulans*

<400> 6126

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<210> 6127
 <211> 1013
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6127

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<210> 6128
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6128

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<210> 6129
 <211> 422
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6129

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422

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<213> *Aspergillus nidulans*

<400> 6130

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<212> DNA
<213> *Aspergillus nidulans*

<400> 6131

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<210> 6132
<211> 518
<212> DNA
<213> *Aspergillus nidulans*

<400> 6132

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atagcccagt ctaacagcga gtcaaacag ttccatct 518

<210> 6133
<211> 503
<212> DNA
<213> Aspergillus nidulans

<400> 6133
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<210> 6134
<211> 994
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 6134

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<210> 6135
<211> 791
<212> DNA
<213> *Aspergillus nidulans*

<400> 6135

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gacaagatcc cctaattccg ccgcatgtac ggtgctctgt gattcggaag aaaagaagcc 180
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<211> 464
<212> DNA
<213> *Aspergillus nidulans*

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gaatccctag tgcaacgcaa cgcaatgcaa gtaactaaac aatacaacga tataatcagc 240
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<211> 518
<212> DNA
<213> *Aspergillus nidulans*

<400> 6137
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<210> 6138
<211> 658
<212> DNA
<213> *Aspergillus nidulans*

<400> 6138

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<210> 6139
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<212> DNA
<213> *Aspergillus nidulans*

<400> 6139

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<210> 6140
 <211> 519
 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 6141
 <211> 445
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6141
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caagctagcg gtaagagcac caacatccag agtccagttc tgtgggactc tagcgacctg 300
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<210> 6142
 <211> 512
 <212> DNA
 <213> Aspergillus nidulans

<400> 6142

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 <213> Aspergillus nidulans

<400> 6143

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<210> 6144
<211> 858
<212> DNA
<213> *Aspergillus nidulans*
<223> unsure at all n locations
<400> 6144

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aatttatctc ctctcatc 858

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<211> 524
<212> DNA
<213> Aspergillus nidulans

<400> 6145

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gagaagtgct gactatgata cttcatgctg ctgtatgtat cttcacgtac tcgcaaactc 480
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<210> 6146
<211> 528
<212> DNA
<213> Aspergillus nidulans

<400> 6146

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528

<210> 6147
<211> 451
<212> DNA
<213> Aspergillus nidulans

<400> 6147

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gcgtggacct ggactgtggg acctggcttc caagctacct gggggaggcg gaaaggcagg 180
gcttgatcag caatgagacg ctggacgcgg cgttgacgag actatatacg agtctcgtac 240
agctggggta ctttgatccg gccgagggtc aaccgctgcg gtccctgggc tgggacgatg 300
tagcgacgag cgaggcggag gagctcgcaa agactgtcgc gatccagggc accgtgctgc 360
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ccctttatca atttcaccaa ccgagctgca g 451

<210> 6148
<211> 1002
<212> DNA
<213> Aspergillus nidulans

<400> 6148

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tcagcactac tgcattggcca taagtctctg cttatagtgg ggatttcgca aacaaatcag 180
cagtcgcaaa atctcctacc cgactcgcat ttccggcactg tgccctaact gcttctcacc 240
aggatgatca ttgatcagca agaattggctc tttttactcc atatctacat accacattta 300
catcatatct acatactaaa catcactcca tgtctctacc cgtggaaatc acctccaatg 360
tgcaacaatt cggatttaca aagaaacaaa cccgatagtc gaactttggc cctgcagcct 420
cattacttcg agctacgtaa gccgagttcg cacgcagtgg ggtttctggg cttttgataa 480
ttgactaggt atggactgcg tgcagccccg gcttgtgttc ggcgagtgcc aagactggga 540
gagggtcaaac cattaaccac aatcactaaa cccgatggat gggatttgct gcaattggga 600

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 tcattttccg ttatgcctaa atttgttata agcggcatgt ttaataaate ctggaacttt 840
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 tatatattat tattattttt tttttattcc acttattgta ta 1002

<210> 6149
 <211> 509
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6149
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 cagacttacc tggecaaagg catcctgata taaaacaact ctactcttat cagggccagg 180
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 tccccagtcc agaaactaga ctactgaata gtcctccag cctcaagccg ccacatcaga 360
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 ataaactggg ctgtgtgaga ataggttata aaggtaaaaa tattattgat ccttacatca 480
 aaatacgtg tataatctaa agtggtgac 509

<210> 6150
 <211> 465
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6150
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cacccattgt gagagactag ctcacgaaag gtctctatga gatcctgccc tacatttccg 240
cacctgacca ccgtagcatg tctggtgatc ggacgatcat cataccgact ctgcggaatg 300
ctgtgaacca gtacccatat cctggaggca ttctgccact ctgagattcc ctaattagcg 360
agtctcgata tgctcagaaa cgcgcaggcc cttcatggtc gcagagatcc aggcacgcag 420
gaccgtgatg agcacctgat ggatggcaac cttgttacac aggac 465

<210> 6151
<211> 532
<212> DNA
<213> Aspergillus nidulans

<400> 6151

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tccactggga agagtgtata tgcacccct gccaggccc gccaaatcgg tactttcttt 180
gataattcaa gcccagcgca gaccgaagat gaagggatata ggccgggttc gcgcgatgac 240
tactctattc atagcaacca cctgctttc cgctcccgaa ctccatcaag gccgacaacg 300
ccaactgcgg aagagaacaa caacactctg cctgaagtgc gggtctcgga tttgggcgac 360
ctgaagccca tcgcagagca ccgggagagc attgccgagc agggtagcaa cccccggcc 420
agccccgaga agcctccttc tcccaccata cctgcaggac tcgacaatca gtgggtctcgt 480
gcgtacacat ctccgacagg acagtgacca agcttcatca tgacccgccc tc 532

<210> 6152
<211> 490
<212> DNA
<213> Aspergillus nidulans

<400> 6152

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ccgtcgatgg attgacacca cactttttga agtaccacca ggcaactgacc cgtccaaagt 180
gccaccaacc cgaaagaagc gaaaaattcc acggagtga ctctgtgtgc caagaaggca 240
gtgataggtc tggatatgggt tgtgggtttt cttcaaatga gctcgattta caacaaagag 300

gctttattgg aaccagttt ccgggactat tccttccttc gaegagtctg gattgtgcac 360
 gcgctgggat tcacacccgc gccaaatatt atggcgtgtg gtcactcacc gaagctgcat 420
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 cagactgcaa 490

<210> 6153
 <211> 485
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6153

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 atcacaatat caaagttccc ttctttttcg tccttcaggt gctcttcaag ttcaaccttc 180
 ggttctggac ctgctacctt gaacggagcc agagcgtccg tggtgacaat ccagggcgag 240
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 ttgaacgaga cgcaccactc caatcgtaa gcactacgaa cccaaaaaca taaacaactg 420
 catcagtagc aggaattcct tatgcggatc cccatccgaa aggtcgccca acgacaacaa 480
 caagt 485

<210> 6154
 <211> 490
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6154

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 ttggtttctg ccgcggtaag cgacggtgaa cagcagcagc gcttgaacag tcggcagata 180
 gggcacgaca attacgtgcg ccagaaggcc ggcagcagca tgaagatagc gttccccttc 240
 ctctgttggg tattgggcgc gttcatctac cccgatactc atgagcagat acgcagaaac 300
 aagtacgggg atgtcatctc ttgagatagt cgacaagtcc tccactgcag cgagctgctc 360

gagacttgct gagaacgcag taaaattgaa tataggatag aggggatata ttcgtaatcg 420
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cagcgggata 490

<210> 6155
<211> 699
<212> DNA
<213> *Aspergillus nidulans*

<400> 6155
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agcctgagag agcctgagcc ttgcccagga gagaaacgac cagtgaccag aaaggaaagt 240
cagctgccgg gcgggttaca gcggcagaga accaagtact actaagacta ctaagtacgg 300
tgtagtgcca ggtgagtacg gacagaatac agaaccaaag tgaggcgccc atacggaagc 360
aagcaccact gctggatcag tcatctggaa gactctcaga ctcccgtatg aatcgcaactt 420
tgttctgatt cgacagcgta tcctcttggc catgggtgat ggggcgctta tacggctcgc 480
tcccagtgcg gtcagagaag aattctctgg actctggagt aggtcaggta tgccagccca 540
agtccatgtg aggggtgccag gctgccagct ttcaggccac ccccgactga attaacactc 600
cccctcgact cgccggatgc caggttgta ggactctggg cgacaccgct tcgggtctct 660
accatttcca ccccccgcg tccttatata aaacagtga 699

<210> 6156
<211> 715
<212> DNA
<213> *Aspergillus nidulans*

<400> 6156
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tcaagatgga ccacatgacg gatctgagaa cacacttcgt ggttcgcgga ggagtcttct 180
gaggggccga agggatagaa gcagaggaag cagcatgcga tccaaagagc aaaatccgga 240

cgagcctagt ctggaggaaa ataagactgc tagccctgat gtgcacgata aaacgagatc 300
 ggacaaggct tctaaaccct cgcgaaaact ctgcgccttt ctgagctgct gttcgctcatc 360
 tgatgtcgac cccgaggacg gttctattcc tccgaagaag actcccacac ggctatccgt 420
 tgttcagact cagccaacgc cggagaaaagc ggatgtcaat gccgccgact cgagtatggc 480
 ggagtccaag atgtcgagtt atttcaagga cgagaagccc aatatgacag tgattcccga 540
 caaacaatca tcacatgaag aggggtgctgc ggaaccaagc tcgcaatatg atggaacaaa 600
 aacggcgcca gttatacctg aatctgttca aaatcaacct tcataagcg cggacaaaga 660
 aacccgagtg ccggacacac aatcgtcgat ccagcggcga ttgtcgact gagcc 715

<210> 6157
 <211> 519
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6157

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 tcaatctcat cgtcagaaat ggtgcaagga taatcaagct ttgccgtcca catgcgggtca 180
 aaggtgtacg ctgtcctgaa gatgcgttcg cgggtgttcgc gttcgccgc gtcggacaat 240
 tgggattcgg ggatattggg attgaggccc atgatgatgg caagacgaat ggcagaccgg 300
 caagactgta caccgcgtgt cgtcgattga ggtagagtaa gtacaatgat agaagcaatt 360
 gaatttcgac catgtccacg ctgcggcgtc cgctcacaat gcgccggata ttggtcgctt 420
 tacagaagta ccggaccca gaaagacct tgtgagggtt tgagttcctt gatgtatata 480
 tctcacctat cgcaaacaga gccagagtt tgcttttgt 519

<210> 6158
 <211> 681
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6158

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ttctttccgg tgaagatgtc gatggcgaca aggtgaacct tggcgtgacc gtgcttacca 180
 gtcttgagg tagacatgtc gacgatcttg caggggcggt tcttgatcac aacgaaaccg 240
 ttcttgcgca gagcggaaca ctgcatgggg taggtggccg aggcgccagc atcggcggac 300
 tcgaaggtaa cctcgtgagc ctgtaacgga acagttagcg ctggtgcccc tcgacggccg 360
 caaagtgctt cgttcaacgg atcgaatggg aggtatattt gcacgtttcg ttgctgagg 420
 agtgatcaga tgcgagtggg gtaaggatgc tggtgctgt attccggctc ctcaagacca 480
 gtgactgatt gttgaggaac gtgacaggaa tcaacctagc ctagcaaata aggaaatttt 540
 cataaaggaa cggtacctcg tcagccatgg tgatagatgc taaagcaaga tagactggta 600
 gaacagaaaa aaaaaagaag gaggagatag gactttgctt gttggatgga ggaggagaag 660
 aagagaattt tcgaggagg g 681

<210> 6159
 <211> 676
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6159
 acaccacgca gatttccacg agaccccagc ttcccagcca ggggaccagg tttctcctcc 60
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 tcatatcaca tcttccactc gactacagcc atgtccacca caatttcctt agccaagacc 180
 caaactaccc gttcaactct tatccaggca atctcgacag ccgcccaaata atctagagtt 240
 gactctgcaa tatgggcttt tctctggacg gcggatattc caaacctcga agccatgttg 300
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 agggacgcaa tcaggaaatg tgagtaagtc atatgataaa cctcatactg ataccgtgcc 420
 gatataggga tggtcaggac tcaattccct agcaatgaac agcatcgagt ccataggctg 480
 aaggagaaaa actcgagatc gagttcgatg tcgatgacaa aagaaagatc cgccaatcta 540
 gactctgtcc tctcctggaa cgcgccctc tgcaagacac gagacgggaa caaatgcgtc 600
 atcccgaccg caaacgcata cctgcacacc aatccaagta acaccggtaa tgatagcgac 660
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<210> 6160
 <211> 444
 <212> DNA
 <213> Aspergillus nidulans

<400> 6160

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 ccctgaatgt tcgcgccatt cacagtacac tccatgagcg gaatggcgcc cctgagactg 180
 cctgggcgca tatatacttc tgtgccaatg aagggcacta ggactgtccg ccaactcacct 240
 atccttccga accgcatcgt gaagagcgca ccatgtcagc gccacggcct gagatccctg 300
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 gccctgataa agagcagggt gatgaagaga cggacatcac gtatgcggac gccctgcgct 420
 tgaccatcat catgtgcacg ctga 444

<210> 6161
 <211> 477
 <212> DNA
 <213> Aspergillus nidulans

<400> 6161

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 tgttctctgg caagatcggc tccggcgacg gcatcggcca agccctaacc catgagcaat 180
 tccttgaagt cttcagcact ggcaatggct tcacaagcgg ctgcgggatc gaatatcctg 240
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 cggactatct cagtgggatt ctgtgtccag gacggagact actgaatgtc aaggtcaagc 360
 gctttgctga tgggaatcgg agggacctac atgacggtat gcaattcttt cctctcctca 420
 cctcatcaca accctaggct agccatggag aatgagtgtt acacaatatg agcagac 477

<210> 6162
 <211> 708
 <212> DNA
 <213> Aspergillus nidulans

<400> 6162

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accaatagag ttcatattcg gactcgcacc gacagccaag tccatacaca gaagattaag 180
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gatgcgccgg atttacttca ctccgctggt tcaatacatg cttcctgtcc tagagcgaag 660
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<210> 6163
<211> 502
<212> DNA
<213> Aspergillus nidulans

<400> 6163

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<210> 6164
<211> 632

<212> DNA
 <213> *Aspergillus nidulans*

<400> 6164

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 acacacggc ccgcagcaac ctcccaaaaa gacaggcagc agcataccca ggaaccgcgc 180
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 ccccgacgg gaaatgaaca acaggccaac cgaggaagga accgagaaag gcctcaccgc 480
 ccccgaggg cagagaaacg accacagccc ccgggcaagc cccaaaacgg caaaaaccaa 540
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<210> 6165
 <211> 2174
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6165

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<210> 6166
 <211> 558
 <212> DNA
 <213> Aspergillus nidulans

<400> 6166

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gcctcagtca acctgggtcta cccgtacgca gccctgcgcg ctgcgaacgt ggggtggcact  120
cgcgaaatcc tccgcctggc gagccaaggc ggcgcgaccg tgcagtatgt gtcgaccaac  180
gggtgtcttgc ccccttctgg ggagaaaggg tggccggagg acacaatggt ggacatgaag  240
gacgtgccaa caaagctgct ggatgggtac ggacaaacta agtgggtagc agaacagctt  300
gtccttgagg ccggtcgtcg ggggtctcct gtaagggttc accgcacgag cacagtcagc  360
ggtcacagtc agtcagggtc tgcaaatgcc tgggatcttc tcaactgcttt gatcgtggag  420
tcgatcaaat tgggcgaata ccctgatgtt gagggctggc gcgcggaaat gactccagtg  480
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ttccatatcg gagaccct                                     558
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<210> 6167
 <211> 447
 <212> DNA
 <213> Aspergillus nidulans

<400> 6167

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gttcagcgcc taataggcgt agtacaagcg ggtctcgtcg ttcgactggc gtatcttttt  180
attcaactgc acaagccaga gttcatcac ccatgcgcca acaagacaag cgatgctaaa  240
cgctgcgctc gatgacatgg caatcgata ccggggccca tcggaggatg gccataggta  300
ctagtttgag gggctgaagt cagcagacgc ataccgaaag ccagagctcg cagattcctg  360
gcagagaact tacaggggtc caaatgaacg agatgtagc aatgggtgtg actatggcga  420
gtgaggatgc cttcttctca ttcgtct                                     447
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<210> 6168
 <211> 484
 <212> DNA
 <213> Aspergillus nidulans

<400> 6168

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gcaaagtcca gtcccccgtc tgctccaaac gtagcgcccta caagaatact tccgctcgcg  180
tggccgatag taatacctgt cggatccacg ggggccgaac ttgtcacatc tgcaaccgta  240
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tggggctgac cgacggagag tgctcgaacg accaggtcaa cacgcgagtc atcttttaggt  360
atcgaaacaa ttccaatctt ggggacactg ccaggaactg cctcagggtga ccgagcgagg  420
ccatcttcgc gccagcctga cggcgggatag agtctaagcg agccaggaga cgggagtagc  480
agtg                                                                    484
  
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<210> 6169
 <211> 600
 <212> DNA
 <213> Aspergillus nidulans

<400> 6169

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tgatatattg ctgctgcata ggatttatgc cgcaacatgt cttcatatc aaggaaacaa  180
caaacattga acatataaac agatgaaata atgaatggcg gaaagaaata gcacggagat  240
gaaatgggta cgcaaatcac gtaagctggc atgggataaa gacagtttgc ggcgtaggca  300
atacgtgggt gaactattta gagtattcga tatctgggtc atcttttagag gtgcccagat  360
aggtccacac tcgacctcac tataacaaca gaagacacaa gaggaactct tcgttgatga  420
tggatgactt tctaagaatt taatgtggcg gttgacgata gcgatccaag agttaggtgg  480
atcagagtat caacagagag aatgacgcac ggtccggtta ttgactgcac ggagccaacc  540
gtgtccttta ctagatgtta aaaatggcag acagtatccc tcacgagggg cattactagt  600
  
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<210> 6170
 <211> 516
 <212> DNA
 <213> Aspergillus nidulans

<400> 6170
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 gctacggtac aggtcctcaa acctcacagg gactgggtgac caccttgggtg cttcagttcc 180
 ctatatttcg gacagtagac ggcattctgag cagcgaacca ggactcgata gaccagaaga 240
 cgagactcag actgggggtga gcgaggcgtg gatgtcccg cttgcaatcg atgtcgaaga 300
 gcttgccagg gcgattgaat gcccccgga gtctgagcat gagcaggggg gcaatattgc 360
 agcaatagtg atactccgga cgcccaactt tcagacgagg acccaaactc aggaccagaa 420
 tcaggaccag gagcagaacc agggccaagg cggatggaca gcaaggccac ctctcgctgc 480
 aacttggtat cagccttcga cgggtcagag cttcac 516

<210> 6171
 <211> 475
 <212> DNA
 <213> Aspergillus nidulans

<400> 6171
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 gctggtgata gtgatagtga cgaagagggg ccaggaagtc aattacgggg ggatctaggg 180
 ctggggtaat tgaaataagc tcaaaatgtt gagcggaat gccatccatg ttgaaaaatg 240
 gcttgatgtg attgatgtac atacataata cgagtaaccc taccacatgg aactgatgt 300
 tgtaatgagc cgctaaatat gctccaaaca gtaatatatc atcgcttgt gcaatgagga 360
 gcgccttcta acgccttctg aactcctgta atccgtataa tcacccgacg agggccagct 420
 tcagccacga acgcgggaaa cgccaacggc atatctatca gtggtatctc aaata 475

<210> 6172
 <211> 677
 <212> DNA
 <213> Aspergillus nidulans

<400> 6172

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cctcatcttc atatgatgtc caaatctcct gctcgttcag gataccctga gagagcgcg 180
cactcttctg gaacacaaag agtgcacat acaactgctt cgagtcaaga tttccctctt 240
gacgcagcgt attctgaata attctcagcg gtgcacgtct atgtctttgt gcttcgacgc 300
catecccttg gagccgttgc gcaagagcgc agttactcat aaatgtggga tcaagcggtta 360
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gtgttcggcc ggctaagact tgaccgaaca cgacgtcacg gggtccgaga aggtgcgcgt 480
aggcctttgc gtaggaaagc agggagacag tttggattgt gacggacatg gtcttgacgg 540
attctgtgat tgagtggagg gctaggggat tgcgcttttt cgagggttagc atatttgagg 600
tgctgtcgag cttgggtagt ggacagatct caacaggtac atagtctctg aacctgtcca 660
gccagaaggc acaggat 677

<210> 6173

<211> 553

<212> DNA

<213> *Aspergillus nidulans*

<400> 6173

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gcagtcggag aaactaaaat cttcattctt ctcactgttg aaactagcgc tagatgagga 180
aaatgaccag accgaatatg tctttgggtc gttcatttat tgtctcattg agcgtactag 240
catcctccag gtaccctcta agctgtataa acaaggggac gctggcctga ggcttatgtc 300
ttcttcagat agcggattgc ctaagaacga gtgaagcatg cagctgtact tacactttct 360
acctgggaca actacctttt taattgtcga gattgccttg aggttggtcg tctttactcc 420
agttacactg tgacagtcaa catagataat gcacggtctc aaccatgggc tcaacagact 480
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<210> 6174
 <211> 535
 <212> DNA
 <213> Aspergillus nidulans

<400> 6174

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gactcagctt gttatgcgct gcagttcatc ttccactact cccaacagca cgaatcaaac 180
tttggagatg aatcgatcct ggactgtccc tccatgagag gtccagaaat ccagatacga 240
gcaattgccc tgggttgaga tacttccttg ggtagagact catcgtctac agccatacgg 300
tccacatcag cctgatgcag ggggtgcacat aagactcaag gctgttttga gtccagcaca 360
cttcatcttt gtaggattgg gctggctggg atccttggct ctcgctctct tactcacact 420
cagtcagtga actattaatc ctatgagaag agggtcggac tgccgtctat cctgttcgtg 480
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<210> 6175
 <211> 750
 <212> DNA
 <213> Aspergillus nidulans

<400> 6175

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tgctatgtcc gggctccga gagttgcaag gaactcctct gagagcgctt gcggccaccc 180
cataacggcc gcatcctcca tgtcagcctg gagttcgatg gatgtgcatt tctcgtctct 240
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tttcagtcca gaggggcggg attcgggtga gtcttcagct gacgaagacg gcgttgaccc 360
ttccaaggcc tgtagacgag ccaaagctct gtatgcaccc tggcagaatc tggaaatcct 420
gggagagcat ccacgaggta tgactgtagt ggacatcttc tcggggtaca ttttccagtc 480
ctcggtcgcc ccgggatact gcagcatctc ccttaacgga cccatcctca aactcggcca 540
gcactgttcg acgacggcgg tctagccacg aatgaggtat atccagtcga gccgcggttt 600
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tctcagcggc ggcagagggg atgtatgtga atcattccag ttcctcattc gtagcgacgc 660
agaagcgtaa ccaacgagcc ctaatgaccc ggagaaggct tcatcacaaa aggagtcaga 720
caggccgaat agatggttcc taaacccgta 750

<210> 6176
<211> 448
<212> DNA
<213> *Aspergillus nidulans*

<400> 6176

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ggggttctgg aattagggct actggctgtg aagggtgccg tcgtggagggt actggttgca 120
ggggcgccgg cgaagcgta ctaacggaac cgtggaataa gtggtcggcc atggggtcag 180
cggcggcggtt ggaagcaacg agaccggaga agagcctatc aaggaagttg aactgtacgt 240
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cgcgacaggg gaggtcctga ttatagttgt cgagtcgggt gcactttcgc taacagcggc 360
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cgaagtgtc ctcgctgtct ctgtggag 448

<210> 6177
<211> 453
<212> DNA
<213> *Aspergillus nidulans*

<400> 6177

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ggttgaaatc gtgatggta gtttagagac ctgatatagc tggtttgac tgtttgtctt 180
ggttccta at ttggtaatag ctgagaggta ctaggtatta tgtacctgga tatcaaagcc 240
gacgggtgtc acttatatga taatgctaca ctcgtagtgt aagcagatat aggtcgtagt 300
cgtagcgtag aagacccttt gtttctttga ggctcgtgtt tactgagcgg cttttgtacc 360
aaaccgccag atggttggct gctaagcaat ccagcttact aatatgccac tcggcgccaa 420
cggcattatc agcgtgtct gatgaaataa tac 453

<210> 6178
 <211> 417
 <212> DNA
 <213> Aspergillus nidulans

<400> 6178

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 ttccgccggg gatattcgtg gcgtgtgccg ggtctgaatg cactgtggat tgcgcgtttg 180
 acttttccca tgaattttga ctgccccgac gtaggcctga aggcgagaca agcgggtttg 240
 tgtttgtcgg gagccttgcc ctggcggtagc tgagttcgcc tgcgctgcga gcaacaggct 300
 ccttgatgcc ggaaggtttc ggtaggtagc atctgaggcc cgtcatgctt caccatagta 360
 cgtgttatag tgggtgtgat aatgaatata tcagtcgccc ttgagtgcgg tttgtgg 417

<210> 6179
 <211> 846
 <212> DNA
 <213> Aspergillus nidulans

<400> 6179

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 ctcacagagg ctgaggcggc agcggatatat gcctgtcgtg agtattatca ggttggttgg 180
 cttcagcatt gacgcaaaac tggttgagtt gcgtttgaca taccagacc ggtgattcta 240
 tectggtttg cgactcgggt ggagggacta ctgtgagatt gctcctatgg attcctatgt 300
 tggatatgtac tctaaccggg ttgtttgacc cgaacttact aatatctttc ctacgacctt 360
 cgggagatcc tcaacttttg ttatacacc ctagtcgctc cttgattttg ccctgggctt 420
 ttttcctcct ttttcgtttc attttttaac ttttctact tccaattta ccactacca 480
 cctctgtttt tttatcatca ggcctttttc ccacttcctc tctcttacc tcttcctttt 540
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 cttttcctct attactcccc ctcttctcac ccttaatccc tcacataact gttttttatt 660
 ctcttttcat tgcaatattt tcttcccccc tccatccctc ctttttattc tattgctctt 720

ttttatcccc tcctatatct tctcctccct ttatcaatct tatatTTTTT tccctaatta 780
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 ttaccc 846

<210> 6180
 <211> 528
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 6180

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 ggagaaagac gtagccaagg atttgaataa agaagagcgg aagaaacaag acagcgacga 180
 ggtcgacgac gagccgttgt tcgtcgacaa tctgctggac atcggccagg agacggacct 240
 gctcgctgaa gcgaaggata tccgtgacga gctgaacatg atccgcatgg tcctgcacta 300
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 ccaaagccag agagatatca agaagcgggt tggagagcag cagcgcacga tcgatataca 420
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 cttctcgacc tgaagcagaa acatgccaac gcgttcgagg cgcgcttt 528

<210> 6181
 <211> 592
 <212> DNA
 <213> Aspergillus nidulans
 <400> 6181

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 tcagcctctt cggatgatgtt ggcgactaat tcgaagtcac cgctctgctc gagcaccagg 180
 cgagcttttg ccatgcagtt accagccgct cgcacgcaat cggttgccgc atcaaccagg 240
 cgcttgccct cgtccggcat gaacaccagc tcatcgctcg gcgagtttagc gggtcgaaag 300
 gcatcgcgag cagcaaacac tagttccgac aaccgttcat acatggtatc tttggcctgt 360

tccagcggag tgctgccctg cgcacatgt tgcagacgg cttcaatcac cgtcagcagc 420
gcacggcaag agcgactgc ctgctcggtc gtgataacta gttcagttga agagcgagat 480
tgtagatgca gaccaataaa ggagcctaag acccccagga acgcatcgta cgtggccgta 540
agaacgctcg aggcgagatt ttgttttcgg cggtgggcgc ggccggccac tg 592

<210> 6182
<211> 379
<212> DNA
<213> Aspergillus nidulans

<400> 6182

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cggcgggttat atcatgccaa gccgctaccc cgcacagta tgtccgaccc cgaccccgaa 180
ccccggactt ccagtatagc ccaatctctg gcattcccat ttcacctcac ttcacttata 240
tctaaggctt aacgtcggca tgtaaatttg tatcttata ttggtcgcta tatgggcatt 300
atatagaggt cgttttgaca ggtagtggac tgggttgagc cacggatttg ctactctctt 360
acatcctgac ccttatgaa 379

<210> 6183
<211> 889
<212> DNA
<213> Aspergillus nidulans

<400> 6183

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tgggatagaa ctgcgctgatt actggaagct acgtgggtacc ccagtacgga taactcagta 180
tagcgggtccg ttccggagta ctaggggtta gatttgtagt ctgcacagc tccccgtgcg 240
tagctagagc tccggcttgt cttggagggg gggctaagtc aagaggcttc gccgaggatc 300
tcatgatgat ctcaaggcca cgcaggtttg cgtgagctct gacggccttg ggaacgggtg 360
gcgttgagtt gccatttccg atcagttttt atccgcaact gagtcctgtc caacttgccg 420
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agcacaatac gcctttgacg ttgttgtagc cctatactgc tgtgctatca ggctcaaacc 540
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 aaggacatgg tttcagctta ttgcctagct gtcgtacctg aagagggcca acccgccatc 660
 attattggcc cggcaggagt agaggctata agaccctgag atatattagg aaccattgg 720
 tttaccaacg acggccggta cgtaggggca actgaccgca atccatgtca gaccgggctg 780
 acagctgctg atcagctgga acagaagttg cctatctgtc aattcagctg ccattattat 840
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<210> 6184
 <211> 453
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6184
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 aatgggagtt acggttcgaa ttcgtgacaa caaacacccg gggtcagctg ggtgccgggc 120
 cttcagggtg gcgactgcta gagacggtat ctgaggatga acggggcgct actatgtcgg 180
 ctctggagca tgtaggctgc gagtcgttcg aggttgcaat tcccatcaca atatatggag 240
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 tcttgccgta tgaatcatga ccataagttg tagattataa agtataagga gtatagtaga 360
 caagcttgga tcctgattgt gtgctccttg atcgccgggg caacgagcgg gccatggccc 420
 gatcgtgggg gtgatcatgc aataagtcga tat 453

<210> 6185
 <211> 546
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6185
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 tggaaacaaa ccaaggacct cgcggtgatg atatgtgttc tggatttggg aacaatcagt 180
 tattggcact agggctggct ctggtggaac tgccccttgg gacatccctg cagcagttgt 240

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<210> 6186
 <211> 820
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6186
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 gcgggagatg cgtgaataca tcttcccga ggtgctggat gcttacgtta agggagatat 180
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 ggacaagggt cagttgggta actatgtcat gggcttcacc cgaatccctg aagatgtgaa 480
 caaccccgag accaagggtt ggagattgat cgagctccag aaggctgctc gggattacat 540
 ctaaacgaac agcgttgatt acttctatcg cgaacattat tgccgcttcc tccgaacttt 600
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 gtctgatata tccgactgta ctatattacc tattcgaata gaggccagtt ggactggcgc 720
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<210> 6187
 <211> 542
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6187

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cctattagac ttcgaaaacg accaacgcaa cgccaaatcc catcccgaca atgccgcctt 180
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ggcctccgc cgctgcgtgg cctctgtcta cccgcgtaca acatttctcg acgtcctcga 360
aggcaatgca gacctctacg gccctttctg gatcgcaaca acggttatcg tgatcctctt 420
tcttacaggc acaatttcac aatggctctc gaacaacgac aaggagcact tcaagtacga 480
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gc 542

<210> 6188

<211> 840

<212> DNA

<213> *Aspergillus nidulans*

<400> 6188

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tggaatatata atgggggggaa gagaaataac aaaggccctt tttttaaaaa ttggcccccc 180
ccggggggga aagggggaata aggggttcaa acccccccaa accttttaga tttttaccgg 240
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tccagcgggtg ggagaatgct tggcattctc taagggttta gcgtgggtta aacttgtagc 360
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acatttatag gccccctgcg gtgcgagaat gagaactact tccgccaagt ttagatgaca 480
aaggacattg atctgcgact gcagttgacc aacatagttc atagtacata ggcaacgtga 540
ctgccagatg ctaaagaagc tgctgatcta accaacgaag tcaggtgccg tttattacca 600
agaaagaatc cagaatcttt tcctcttctg gatgctgctg gtcattggcg atgagataac 660
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gcatatgctg tttgttgtga cttgaaaatg cgctgctaca tagtcagccc agctatgcat 780
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<210> 6189
 <211> 484
 <212> DNA
 <213> Aspergillus nidulans

<400> 6189
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 ctaatggttt cttagtecta ggatcgttta cacaacgcgt ccgtgggctg tttgcggacg 180
 ttaagctgac agtcgcaatg cttagttcat tgtaatgttc cgcgcgcgtt tccacgaagt 240
 attccacga tcaacaccac acttcggggc acaggacatc gaacgaggcg tgtcggaatc 300
 tccccaggt gaccacattg aaagactttt gtgtgcattg cttggactgg tattgaatag 360
 gaagaaggac gtggagtaag ctaccatata tgtttcctgc catacctctg ggccgatggg 420
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 tgtg 484

<210> 6190
 <211> 504
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 6190

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 aggactcaga cgatttgcct ccgcatttat gtgcttatct acttcccctg ttcgggtgtcg 180
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 cgcagatgct tgccgcgcag agcttcgtca gaagaatcca ggccaagacg gagaagttgt 420
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504

<210> 6191
<211> 891
<212> DNA
<213> Aspergillus nidulans

<400> 6191

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taagagtatt tgaaaaataa tttaatgata agtacagacg tggagaaaat taatagggaa 180
aattaaagag gaataacaat agagaactta gaaagatatg aacttaaaat tactaaatac 240
caaaaattga gaggaacaaa aaaatttcgc agaagattt caaataaaaa ctaatcaatc 300
aaattatatt tatattataa aatgtacaaa gtcagagggt ggaaaataag tggatcggaa 360
accaaacaat ccaaaaaccg gtggatttga ggacaaaagg tatttcacaaa tcaaatcccg 420
ggctctccac aaaagacata aacaaaacca ttctcctcat cgaacggtca tgaatcatag 480
gatccatggg atttctatat ggatcaatcg tacctaatac ttgtgctaga aaagagaaaa 540
gcaacgcata attctcaagc gtatacgtaa tacctcaacc gctcgtcggg gccatcctct 600
catttaccct aacactcggg ttaggctaga tacgactgag tatttaacaa aacagaaacg 660
ctggcgagtc agatagatga cccttagaat gagagtgacc actactgcat tttcttggcg 720
ttcggattcg ggttggtgtt atccccgagt ccgacctga aacgtgcact gtgactatgc 780
agagcaggcg gacaggcggg agacgcgggt actggtgccc tgcttgaagt agacagggtta 840
taccgtccta ggaatatgtg ctcaattctc ttccgagaca agactcaaga t 891

<210> 6192
<211> 462
<212> DNA
<213> Aspergillus nidulans

<400> 6192

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ccacatccca agcatgacca tggccccgt ctttggttgt ctggtgaccg tcctgtcgag 180

tctcgtcggc gctgggtgttg tctttttcta aattgataga agctagtttg tcttatcgca 240
 tttattttctc tcggagttct tctttttctga caggccggat ggtattgtat tgattttgcc 300
 cggaccatcg taccctcaca aggccaccac agttgtacag ttggatggta cctttgttag 360
 ccaatttttag tgccctgagta tagactcgta ataaatgcct catgttcatt cagacttgaa 420
 ccgcagccat cctgggattt tgttataacg gcagaataga at 462

<210> 6193
 <211> 504
 <212> DNA
 <213> Aspergillus nidulans

<400> 6193

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 agaattagct agattcagct atctataaag catgccata gacctacagg tgtcttttaa 180
 aagaaatttg acattgcttt ggagaaaaaa aatcactaat ggtaaataat gattctataa 240
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 attttttagt gtgtgaatca tattttgtta gttttttaga aagtctttga ggaacgtatc 360
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 tgcattgcaa gtgtatgatt gatg 504

<210> 6194
 <211> 629
 <212> DNA
 <213> Aspergillus nidulans

<400> 6194

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 tgttgctggg ccgtgggtacg atcaatagcc acgtagcttg tccattttcc aggtacggac 180
 catctcagcc cgagggtgctg tgcttcctgc tcaagaacct ttccaaatcc tgttggattg 240
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 aacgagtcta atccactctc cagcatatag tagagcgtga aatgtgagga ggcattcagg 480
 acagggatat ggtgcggaac ccgaacctac tctgggcgct gcactcgtat acccggcaat 540
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 agatggtgca acgctgcttc aacatttgt 629

<210> 6195
 <211> 528
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6195

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 cttctccgcg gtgtcagctt ctggacaaag agtgacaccc gcgagcagat ctacttcctg 360
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 ggcgctgacc agctctctct ccgccgcggt gtcgatgctg tcgaagaaag tgagtctatc 480
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<210> 6196
 <211> 391
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6196

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 aggagacacc cctgttgag ctccaaagcc agcgtgcatc tcctgcacgt acctatcgac 180
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tctttcatac ctcccgctg atgcgaacgc gatgatgagc ttctcgagct tgttttccgg 300
acgtacgcca tccgttcagt cgacgtggcc gtatccaaca gcctgcaagt ccttcgcca 360
ccgggactcg tgagtgcgg cgtgggtgcg g 391

<210> 6197
<211> 708
<212> DNA
<213> *Aspergillus nidulans*

<400> 6197
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ttctactgtc attcttagat cgaagggata tatccacatg attagtttca ggctcatccg 180
gagcagtaag tctctctggc tttagaacga ggctcccctc cgtcgcggac tcatcaaatg 240
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gaggacctga accgacatgg ggttcttctg tatccgaaaa gggagagcgt ggatggaagg 420
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<210> 6198
<211> 691
<212> DNA
<213> *Aspergillus nidulans*

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gagcagtcct agtcggaata taaacctgca agtaattcct cctcccattc cattccatat 180
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cagtgtcaag cacaacccga taagtcccag cttgttctac accgacccta taatcggtaa 300
 aactctccgt aggatggaaa ttgaaaatcc atagcaaadc cgcccgtca aagacaagca 360
 ctttatctcc ttcgtgcttg agagaaatat aagcctgggg cgcattggagc cagccgtact 420
 tggattctgt caactgcatg gcgcggtcga actcgttaag gaattctgtag cgtagaaggt 480
 gatcttcggt caggttttagt tggcgacgtg cgtaccagaa ggagttgttg ttgccggcgc 540
 ggggaaagtc gagccattcg ggggtgcccga attcgttacc ttcgaaattg aggtagccct 600
 ccccaaccaag ggcgtgtgtg acaagccgaa aaattttgtg gagtaccatg cagcgttcga 660
 tgacgggggt gaactctgtg aggatgttca t 691

<210> 6199
 <211> 803
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6199

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 aacccccacg tcgtacgttc ttgtaacgga gtttattaac taggcactta aacggaattg 180
 ggcaacttac tggggcggtg gaggggagta acctcgccca tgaaccttct gatcccttcc 240
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 ggaagtcaag ggagtgattc gatcacgtag ttcagacaat gattggcggc tcaaccgcca 600
 tgaagcttct gaagttcttc tgccggtcgt acgatgcagg agctgcagat catggtttgc 660
 gataacgcac gagtcggaca agagcttcgg gtagatgcag tgatcatgcc ctgaagggtt 720
 aagggcggag tcaatgaagg aaagaacgct ttaggctcaa gatcgtgaga gaagattgtt 780
 tccagcttcc atatagccaa ata 803

<210> 6200
 <211> 616
 <212> DNA
 <213> Aspergillus nidulans

<400> 6200

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ccagtcccaa tgtcttgctt acgggactcc agttcatctc gcccataact ggaccagcac 240
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<210> 6201
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 <212> DNA
 <213> Aspergillus nidulans

<400> 6201

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tgcctaagca attcactggg ctggtccaac catgggggtg tgtacttggtg tcgcagtact 600
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<210> 6202
 <211> 480
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6202

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 aatctaacaa aagaaggaaa gtgaggaaaac tgcaggccgc ttctaaactc tggaaacacg 300
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 cccagtttga agataagatt gtgaacgtct tctttcctcg actttctgct catgttaacg 420
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<210> 6203
 <211> 1021
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6203

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<210> 6204
 <211> 456
 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 6205
 <211> 489
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6205
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gtggctaacc gcgttggctt gcggccataa cagcacatca tcaaacgcac caacacccaa 180
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<210> 6206
 <211> 239
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6206

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 tccatgtttg catagcgag gtaaggacca aaatatactt cgtagtcgg cgctaccttg 180
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<210> 6207
 <211> 805
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6207

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 atataccaac agaagctgta cgtacgtacg taccaaaaca gtgacgcctt tccacacgaa 240
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 actcgaatcg aaaacaagca caacgcgacc aatcacccaa aaaagcaaac aaaacccaaa 360
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caccgctcac cctttttgaa gaaaggctga tcccggggca actgtctacc tactcaggat 660
agcctcatac catgttttcg acaactccca tagcggaacc aggntaggac tcccgggtac 720
ttggaacggg atccgacgcc ttgacccgt ttgaagcggc gtggctggga aaacataatt 780
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<210> 6208
<211> 566
<212> DNA
<213> Aspergillus nidulans

<400> 6208
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ccccatcttc ccaccttcat caagagatgc gcttccaagg ccaggatttg aaggcgggct 180
agcgacgggt gccgcgctgg acgtaagcta ctccaagctc ggtgaatggt ggaacgtacg 240
gccagatata ttgatagtcc ctagcatgct gccgccgttt gtcaaggatg gatcctcaat 300
taaattctcag aggtgatggt cgctaatac tggcaggtgg ttgacagtat cctcacaatt 360
aaccctggca cgctctccaa gcgacgagca gcgggaacct ttgcgcagat ggccatccat 420
ccgcgcgctc tgagcgagga agaacgggaa caaaagaaca taagccacaa gcgtatcgaa 480
cggacaaggg tagatataat ctggatatga aagatcgtat tgtaaattta ggaagaggcg 540
tcacgtgtaa taatgatatg ataatg 566

<210> 6209
<211> 454
<212> DNA
<213> Aspergillus nidulans

<400> 6209
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ttttgtcgta caggctaggg tagatcgcg gggcggtgga cggcatactt gactaggctt 180
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 cacgcttttt atatagccgg ggcgggggtt atatcggaaga ttctccgtgt gattcagcat 300
 acatcacaca ttgggcgagg cagcaatgat acgtaggcaa attgattgca gcctctatta 360
 tcgctgctat atacctctt catcttattc acatttaatt atctctatca acacgcatta 420
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<210> 6210
 <211> 684
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 6210

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 aggaagagcg agcactcagt gatgttgatg cccagcgatt ccaagcctga ggaacggtag 180
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 gataggccca atccgccagg tgtggtcatg ttgcaactgt ctccgacgcc ctctcgctcg 360
 ctgcagggtg cagtgcgcag agtctcctgc gtgacgtttt gacaggagct cttgaacccg 420
 agcgagacat atgaatctgg ccatctacag gccctggac agctgaattt cgtggccgtg 480
 gtgatcccg aaagaccctg tacgatggcg gactgcattc cgggatcctg tgggatgctn 540
 tctgagaatc cgtcagctgg tgatgcttat aatctgagta ctgattagca ataaggatgt 600
 cttaccaaca cgagcaagtc gcattcttgt tcaagattcc ggctgagtcg tgcgcgattc 660
 aaaatggcgc tgacgtggtt ttca 684

<210> 6211
 <211> 443
 <212> DNA
 <213> Aspergillus nidulans
 <400> 6211

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cgcgattact ggacatggtc tttgtactgc agcagcagtc attgggggca gtgctattgc 180
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tgcatttatc tgctggaggc gttgttctag aatcggtcat cttggtcaac tgtaccttgt 360
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cttgattgcc atgtatgggt tga 443

<210> 6212
<211> 525
<212> DNA
<213> *Aspergillus nidulans*

<400> 6212
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tccgcctctt ccttgggcag gttcgtcagt tggtagagta gctgctcgac aaacgcccac 180
atcgtctcaa gctccgcgcc tgcttttgcc agccgggtgtc gcaccacagg ctggtccatg 240
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cgtgcttgcc gtgtgacccc aacggcgatg gtgagccgct cgtgggtgaa gttgttcatg 360
atcatcttca tgccgtcgcc ttcaaggccg atcaggttct ccacagggac cttgacctcg 420
tcgagctcga tataggtggg gcaccggtaa tctgtccaga gactttcagg cgctgcatcg 480
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<210> 6213
<211> 237
<212> DNA
<213> *Aspergillus nidulans*

<400> 6213
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ggatgaacta tgtttatgct gcaaagtagc ctcaacaaaa aactgactgt cggtaaagt 180
ccagagctac tggtagcac aaagacgcta ctatgaaact gacctagagg ataccgt 237

<210> 6214
<211> 543
<212> DNA
<213> *Aspergillus nidulans*

<400> 6214

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agcgtgcttt ggacgagtac tacgccgaga tcttcatggg cggccaccag accatcagct 180
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ctccggatgt caactctttg gcaaagcagc gcagcgcttt gaccaacatc ttccgcgcct 420
gcgttggtt gcagcccgag aatgacatga ctcttgagca caagctgttc tagaatatca 480
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atc 543

<210> 6215
<211> 628
<212> DNA
<213> *Aspergillus nidulans*

<400> 6215

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gtctgttttc tccccctcat tcggtccaaa ggggtggcatg caattaccgc gaccaagtac 120
acagcatggt tatcggcgac cgtccgcca ctccgaggac aatctctctc cggtccttc 180
cgtcgcagac gagggggcta tcgcgaaac tgtattgcac gaactggcag aagaagacga 240
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gttcgatgtc gtcgtcaacg tggctaagga agttatgaat ccgttcagca agacggccga 420

taactcccaa actgtgatga gcactttgcg caatgggact gtcgattcca aacaacagtc 480
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 gccagggctc aggtcggatt ccatgtccct ctgtcatcca tgttcaaacc agtgctcgca 600
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<210> 6216
 <211> 1002
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6216

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 aaaaatttgg gaatttttgc attcaaagcc ccaagcagag cacagttttc ttaaataaat 180
 aaacgggcta atggaagttt taccaccta gaaccggccg tttttttacg aacataggga 240
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 aataattata ccctcttata gagaaaaatc tcacgaagac agtgcagcaa ttttgacctc 360
 tatatatatc ataggcggtg ggtaatcctg ttttgaagtt tgagtatgtt gggttgaaat 420
 taggtttatg atatccgcat gctgactaat aattgactaa gcagcacacc gccttcttgt 480
 ggcccattta gtcaaacatt gtcacaaatt catcagtcaa tttcttgggt aaaaagggct 540
 ggtggtctat aagctaaaaa gaaacactgg aggtcaatga aataacaaaa taagcagcta 600
 gagcctacta ggcgaaggta aattgtacaa gacaggtcac ggtcacatga tagatgctga 660
 aggatcaggc gtggctgaga ggaccgaaga aatgatactt cagctcaata aggatgcaga 720
 ctgacacttg cctagttaca ttcaagccac ttgaagcaaa gggacccaac taagaagagg 780
 ataataagag aattaaagt atcatgctca cgtataacag tcgtgtcaac cggcttgtac 840
 attagatgaa aacgccatgt ctgatgcaca tgccttatt gagacattag agtcgcagag 900
 catccaaaat ctttttcgcc atctctcggg attgccacat gcctcctgac accttcttga 960
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<210> 6217
 <211> 642
 <212> DNA

<213> Aspergillus nidulans

<400> 6217

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tatatttcca gaggagaaat ttggtcaagg gtgtaaagcc agtttccacc ctgttcttcc 180
ttctcgagcc tatattctcc gtaagtacac ttctgaatag aacaatgatg atagaccacg 240
taccaatcat aaggccagag gatgaggtgg ctttgacct ggttgaggag gtcctcagct 300
gtctgcttgt ccataacctc gtcagttgta aaatcacgtt ttgagcccaa tgttggtggct 360
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acttgaggtg cttctgaacg ctgcttatcg gggcatccc cagaagagac ggcatcctcg 480
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tcgttcgccg gcaaactgag ttcttgggat gtttctggt tggcctgcc aactgtggtc 600
ttcgttcga atttggtcgt tcggactttt cgtctattgg cg 642

<210> 6218

<211> 604

<212> DNA

<213> Aspergillus nidulans

<400> 6218

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tgaccgcccc cgacgaccaa gacattgtga ccctccttga atggcgacaa gtcgacggcg 120
tgccatgcga ccgccagtgg ttcgatcatg gccatggatt ccggcgtaac attatcagga 180
atggggtaga agtgttctgc aggcgcgact attttctcgg caaaaccacc gccgtaacct 240
gttcgcattg ggacgttagc ttgtccagat cgtacagctt gcttgattct gaaaaagagc 300
ataccagata gtccgatgaa gccaatattc tcgcagcaat actcgtagcc aattttgcat 360
ggggggcact tcctgtcgaa tatggtcggg cgacaaccg ccttctgtcc cggcttgagg 420
tgtgtgatgc cttctccac ttctcgacg actccaccaa actcgtgacc catgacaacc 480
ggcgcggtag ctttggtgat gctatgtgct cccttcggt ttaagacggg tccggaggta 540
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cttt

604

<210> 6219
<211> 535
<212> DNA
<213> *Aspergillus nidulans*

<400> 6219

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ggtagttctg aatgccgccc ttgattaacc tctctcggga tcatccttcc ttctctcagc 180
accatcgatt tcaaagctat actcataagg tctcgacca tgacttacca aatctctatc 240
ctaggtttca actcaagcca gcaaacaacc ttcacgaaag cccaggagcg aaagatctgt 300
caagacagtt ccttgccggc gcgagtggtc cctctgctaa cccctgaca gggcgtgaaa 360
cctgccgtgg tgaaatagaa acatcatagc tgcttttagga gtttacatct cagcctgacc 420
agctttgacg ctctcagct tgtgcaataa gaaaagctcg gaagctataa cttacaatcc 480
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<210> 6220
<211> 586
<212> DNA
<213> *Aspergillus nidulans*

<223> unsure at all n locations
<400> 6220

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caaagagac ccaggataag atgctccgc acttctataa tgctgccgct tccaatattt 120
acgactgagc acccaattcc ttggctgag ttgatgacta tattattggt ttcagtcag 180
tggaatgcgt taagctcttt gagtttctg ccaggtttgt tcagaacgcg ctcatcaata 240
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acattcgaag aggaaccttg gacatgaatc ttgctccta cactacctt ggagacatgt 480
cgtgcggctc cgggggccgc tgcggaaacg gggccccgaa caggcacgct ctgcgtngaa 540

ccgagagcga ctgtagcaat gagctgtgag ccatatttag ctaatg

586

<210> 6221
<211> 811
<212> DNA
<213> Aspergillus nidulans

<400> 6221

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gatgagccgc gctctcttcg agagccatcg tctagtgtgt gatgaacggg ggtgacacct 180
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ggctctgttt ggtatgcagc ccctgcgacg acaggatatt tctgtctgt aacatgcata 480
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tgccgcgaca ccacgctga gaccgtaggc atcgtgtacc tcggatgatt gcgataagat 720
atcctttggc tatactcaca ccaatctctg cctgccagc aaggtcgaaa aatgtgacgg 780
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<210> 6222
<211> 526
<212> DNA
<213> Aspergillus nidulans

<400> 6222

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gtgtccagta tgagtccagt atgagtccag accagctagg agactaggaa ttgagcctat 180
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cgacgctcgg agagaaggaa gagaaacaga gttacagaag tgtgggagct tctctacaga 300
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 aatgagagcg atagatctac tctttcgaca caccgactca ggtgttcgtt atgggtatcgt 420
 cgctttctgt tagaataata attaattcaa aagcaccatt cactttttgt ccttggtcgc 480
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<210> 6223
 <211> 208
 <212> DNA
 <213> Aspergillus nidulans

<400> 6223

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 tcaggctgct gaaccgctgt aagcgggtg 208

<210> 6224
 <211> 729
 <212> DNA
 <213> Aspergillus nidulans

<400> 6224

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 ggcgctgact acgtcaaggg taccggtgcg ctcggtgacg agcacaccgt caagggtcaac 180
 ctgctcgagg gtggagagca gactctccgc ggaaagaaca ttatcattgc cactggaagt 240
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 aagttcaaga ccggcaccaa ggttaccaag ggtgacgaca gcggtgctac tgttgctctc 600

agcgtcgagt ctgccaaagg cggcaaggag gagactttgg atgctgatgt tgttcttgtc 660
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gacgagcgg 729

<210> 6225
<211> 234
<212> DNA
<213> Aspergillus nidulans

<400> 6225
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tgcagaaaac tggccatacc ctcttccagg ctcggaacc gcgtcacgta ccagggcacg 120
gggggcagga atacatctgc ggggtcccagg tccgcatgaa gcagcgaggc tatcagcgca 180
ccgtagatgg gtggtagctg ctatgactag ggcaaatatg gtaatcgccc gacg 234

<210> 6226
<211> 498
<212> DNA
<213> Aspergillus nidulans

<400> 6226
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taagctgggc attcccaagt atttcataac gcatcatgaa caagacataa ataaacaaat 420
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<210> 6227
<211> 705
<212> DNA
<213> Aspergillus nidulans

<400> 6227

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<210> 6228

<211> 448

<212> DNA

<213> *Aspergillus nidulans*

<400> 6228

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ccctccgtca ccgcgcgcac tcctcaaaaa atccgtctcg tcgcttacag cttcaagcac 360
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gaagggtcgg gagtgtggt gcccgaga 448

<210> 6229

<211> 1340

<212> DNA
<213> Aspergillus nidulans

<400> 6229

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gttgcgctc gatagccgtc tcctattgtt cttgcagccc atttacgtga atgatccatt 420
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<210> 6230

<211> 483

<212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 6230

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 actgagtcac gctctctcct ctctgatggg ttcgaaactac cccgcaggaa ggattcgctcg 180
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 cgggatgcag cggcagtgnt acagctacgt cagcaagcga gacaccccac gtagcttagt 420
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 gga 483

<210> 6231
 <211> 545
 <212> DNA
 <213> Aspergillus nidulans
 <400> 6231

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 agcaaccacc atttctcatg ctaagaacgc aatcagccga gcctggctgt ctcgagaaaa 300
 tggccagcct tgaccgaaag agtgcaatac cacataacct tcaatttgaa atagcaaaac 360
 cgaagctgcg cggactccgc caaaaagct ggttcctaag ctcacggcct caccgaaccc 420
 ctccccctt tctgttgcac gggcatgact ccaggttgct cggactcgaa cagtcgctgc 480
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 agggg 545

<210> 6232

<211> 237
 <212> DNA
 <213> Aspergillus nidulans

<400> 6232

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 acttgtgcga acgtacgcta tattcatacc catatccagt ccaatatcac gcgcgggctt 180
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<210> 6233
 <211> 435
 <212> DNA
 <213> Aspergillus nidulans

<400> 6233

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 ggcagcttta cctatcagat cggcgccaac acagcaacag acttggcata tctagctcgg 180
 aaggcacggt accagacgca gaaatcccca gcagactggg tccacgtcga agatgtgaca 240
 ggcggcacat gcgccattgg cctttggggc ccacgcgcac cgaacgtcct acactcattg 300
 cccttaccta gagagacaga catctcgaac aaatctctcc cctacatgcg cgccaaagcc 360
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 ctgggaaatc cagac 435

<210> 6234
 <211> 513
 <212> DNA
 <213> Aspergillus nidulans

<400> 6234

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 ggagaagtct ttacggaat gacgggagtg ggatcgtcga gatcccacca aacacacgca 180
 cagcagtgat ccttgagaac gagtccctca tcacggcctt tttggaacta agattcagag 240

ggggcgctgg ctctaccgtc accgtaccgt gcgccgagtg ctctgagtac ccaccgccag 300
 aagggaatct gaaccccttt gcacggaaca agggcgacag ggccgatact tcaggaatcc 360
 ttgttgggcc agaggactcg tatactgttt cctccagctc cagcacagag caggagtgga 420
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<210> 6235
 <211> 1069
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6235

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 attgcgcgtg ggggattgtg ggaatgctac aaaggatatc actacctgca atacgatggc 420
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 cccaatata gaagcgacgg tcaaaattta tatagtcttc ctgctcaggc tatagcccc 660
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 aaggtcgtgg actgattatg ctctgaagg gccaccagga gttggcaaga ctctctcagc 960
 agactctctc agcagaaagc gttgccgaag ccctcaaggt gctctcttc tgctcgacga 1020
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<210> 6236
 <211> 557
 <212> DNA
 <213> *Aspergillus nidulans*

 <400> 6236

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 ggtttaggaa acgctagcgg ggagatgcat ccgatgggag gacataagca tcagctatgt 180
 caagaggaaa cacaatcact gtcactaaac atggcagggg ctaacaacct gacagaaagc 240
 tatcaacgta gctaggaata aaaactccaa aaaacaccaa aagcatacta cgatgatgac 300
 attatcgacc ctgaaacaaa cctaattcct agataaataa agaaatatta taattataga 360
 cattaggcat aaaccacacc atattactag tatgaaatga cttatagaca aactactaaa 420
 ggacctagta caaagggact gaatgataga ccccatagac tgactaaaaa gactataata 480
 ccagttgcaa ctgttctgcc tgtgtaacct attgaagact acctacaaca aacaaaggcc 540
 tatgtactgt acataag 557

<210> 6237
 <211> 428
 <212> DNA
 <213> *Aspergillus nidulans*

 <400> 6237

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 cagcagtaca tgcgtatggg cgggatgctg aagaagagcg cgcggacgaa acaaaggctg 180
 tttccgtaca tgacgaaccc ggtgctgggg catgcccaaa acccatctta cgaccatcag 240
 gtcaagcacc tccatcgtga aaggcaaggg ccaggctacc tgcctccggg gacccaaggc 300
 caaatcgagg aaatcgacga cgttgctgcg cagggttagcg cgctgcatga cttcaagcgc 360
 ctcccgcata cagttctgta tccgcaaagc ctaaagtact gtatggatgt gaagactaac 420
 tctctggg 428

<210> 6238

<211> 675
 <212> DNA
 <213> Aspergillus nidulans

<400> 6238

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cggtagtagc ggtgagggag gctattaaga tagacaaggt tgaatataag gaaatgaagc 180
atcttctgtg gacatttgac cgcaatttca ccttgtagta aaagaactac ggaactagaa 240
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agcgttttgc cgcaatttgt tgattctgtt tctgcatctg cgtcgcatat aaatgcttta 600
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<210> 6239
 <211> 548
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 6239

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tgacatagac catagaccaa tacttcgagc gacaaaacct acgagacaac aaatccccgc 180
gcaaacctcc cggtaaatgc ccgaattctc tttccccaca ggtaaactcg aacccccaaa 240
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tccacgaacg ttgcagtacc atagctgggt ccgaacgaga taataccccg aaatgcacag 360
ataatgacga gcagaggacc tgcacgagca gggtaactat ccagtaagta agtgatcgca 420
acgatattgg cgccaacgaa gcagaaatag tacgctgcga cggccagac atacacaaac 480

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cagtgtact tttccgggta ctgtccagcc tggccgtaca gaactgcgga tntcgtaccg 540
atgacgat 548

<210> 6240
<211> 525
<212> DNA
<213> Aspergillus nidulans
<400> 6240

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cagatgagct ggcaatggac gcagatgtgt attggcgctc ccgcaatcgc ggtcgcgacg 180
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atgagaatga ggacgacgag cagcataata tgaacggtga cgataatggc agggaggcga 300
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cagatccaga tcgctcgccg acgcctgtac caccgccgcc gccgccaaag ccagagtccg 420
tgaattatcg ccagaagttc ttgctcagag ggcatttacg gggggtgtcg gctgtgcgat 480
tctcgccgga tgcgtctatg attgctagtg gaggttcgta atttt 525

<210> 6241
<211> 347
<212> DNA
<213> Aspergillus nidulans
<400> 6241

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cgggcatggt ctctacaatg acgtacgggg catgtcgggc tatectcaga tgcctatgcc 180
accccaaatg catagcatgc aaacaggccc taggcagata caccagcagg gtcctgtttc 240
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aacacataat gctcccagaa gtcaaccaac gccggcgcca gttgttc 347

<210> 6242
<211> 745

<212> DNA
 <213> Aspergillus nidulans

<400> 6242

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 gatatagcaa tcattaaccc cttgcgaact ctcttggcat cggctcccca tgaactgagg 120
 aatatgtaac ttttcacgac tcaagcagcg aggactaccg tgcattatgg gacaaaggcc 180
 cataataagt caacaactct gccacctttt aggcgccaat attaaagctc ctggcactag 240
 aagaaatgca agccgccaat cgcattcaga aagccctcaa agcaggcaca cccgcttcgg 300
 tgcttggcag atgctccccg gcacaaacct gacttgcacc atttgccggc cgcaccgaa 360
 catcgactgg ctgctcgtcg acctggagta cggcaacatc tccgacgatg gcataacacg 420
 agatcgttgc tgcagcggcg gcttgcagta cctcgccgat tgttcgcgtt gcagagggtc 480
 agctttggat tatcaaactg gccctggacg cgggccgca cgggatcatg gtaccgatga 540
 tcaaaaccgt cgatgatgcg aggacggtcg tggagtatag cgtgtttcct ccgcgaggga 600
 agaggggttt gaggcgctgc ttgcggcgga tatattcgtt tccaccgcca cccacgggca 660
 gattagacag ctgaccggcc tagagaatct gcagctggct gatgaaggct tgggtgattgc 720
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<210> 6243
 <211> 956
 <212> DNA
 <213> Aspergillus nidulans

<400> 6243

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 ttccacaaaa tgttatttca aaaaaacca gtgccagggtg aaatctgggg ggttgagccg 180
 taggggaatt gcatcccaaa ataaccacat ttctgtggct tgatcaaaaa accaatttcc 240
 gcgactttat gtttaaacca ctacccaaa cgctgttagg tcctgttcgc gtcacaagc 300
 gattctgaag accgatgcca aaggcatccc gtcattacca aggtaccag aacttgagtt 360
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<210> 6244
 <211> 806
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 6244

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 gaagggttcc ttgtgccatt ggagcaacgg taataatagc cctgtccagt ttttcccttc 180
 gattctatta tcagacgctg acatcaatgc atagactcaa cgacactcag tcactaacca 240
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 cagatcccaa atcagatcca accctcaaag gcactacac gtggctggac catatcctgc 420
 actcgccgca gtgggagtcg caccgtcggg taatctcgct ttcttatata cgggctatct 480
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 ttgaaaacgg aaagaagaaa gggaagggga aagggaagag ggaaagcaac gcgggcgatt 600
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 atataaatca ggaggatata gagacattaa gaanggttgg gtgggaaccg ctgagacgtc 720
 tgggtgggat agtcgggccg ttgggggttg tggtagatac ctacagcatt tctaatttta 780
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<210> 6245
 <211> 971
 <212> DNA
 <213> *Aspergillus nidulans*

<223> unsure at all n locations
 <400> 6245

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ggctgtaagt ctgtataggc aacccttccg ctaacgataa cgccagagac tagtcccacg 180
ctcgcgagca atactggccc ggtggagtgc agacggcact ggacgcagat attcgtgaga 240
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ttccaatgga tactccagac cggaatctt cgttcttctg gggagaaatc ggtgctcaat 900
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ggttcagaat c 971
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<210> 6246
 <211> 684
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6246

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cactcccttc gaagggtagg tccggacgta gggactgtcg gctgcagcga gggtcagata 180
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 tgatcacaga catagagtaa ataccagagc tgggctcttt cgtactggtc gctgtggctg 540
 atgatcatct tctggtaact ctggtggagg ccagctgctg gagctattcg taccgcatgg 600
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<210> 6247
 <211> 671
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6247
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 gccggtcagg ttgccagacc atttcacgtt actgacggac gccgcagggtg aagcggctcc 180
 gcattaggga attacaatat gatggagtat gttatatatg catagaaacc atgatcggac 240
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 tcatgggaca atgtccaca aagcttagaa atcaatgcaa cgcaacaggc actgagacaa 480
 tgtgacagtg cgtcatgagg atagatcttc tcgaccttta cgagaaatca cgatgcctgg 540
 aaatgcttta aaaaggactg gcactcgggt tctcgcgga acgtatagtc gccagctagc 600
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<210> 6248
 <211> 673
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 6248

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 gaagattcct cgttaacttc ccatcttaaa gctggggcta aggtaatgaa tgggtgcttac 180
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 cgatttctat gatttgagct ctgcgatcc cggcagctta gccaccagac cacaccaccg 420
 cgaaaggccg ggctcggaga caggcacgga taactcacat cggtagtgc tcgacgacca 480
 ccaccaagac aagaagagca gacaccatt tatagcgttg ttgagcgagt caatcgtgga 540
 gaagaatgcg cacgagacat ccaattattc aagggcggct ggaagagaat ccggtatgat 600
 aacaacaatc cgcttcggtc cgggaggtga aagataggta aggactgatg tgatatctca 660
 anaaaatcga aga 673

<210> 6249
 <211> 573
 <212> DNA
 <213> Aspergillus nidulans

<400> 6249

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 accgtagttg ggttcattcc ttggattcat cagataagcc cgacttgacg cgaccaatga 180
 cttggagaat ttcatacatt gttcaagttt ccatgcaacg aaccgacaac ctagactgct 240
 tatgtgccgc cgatgccgtc atcatcacca accggcccct cgactctggc cttggattcg 300
 ctcatccacg gcttgggagt gacagcataa cacgaaataa tccgcattc cgtgaagcct 360
 aatggcagca ttaggcttta tgttatctca tacggggacc aaattgtagc aaaagagatt 420

gtactccatt gatgatgatt gaatctgagg acaatagctc tgagcgtgtc agatatatat 480
 aaatggaggc gggcgtgaaa tcgggcggtc tggaaattcg ctgcagtaat cgacgagtcg 540
 taccattgta ggtaagagac agacattaaa ctt 573

<210> 6250
 <211> 388
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 6250

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 acgagaagaa gcctaaaaaa gtgccaccag ctgacacgag agcccaacag gaacaaacaa 120
 cacgangcaa cgacacatct gatgaacaaa agagccggac aaggcgaaac cggaaagctc 180
 agacgccccg tcgggacagc cgagaaagcg aaagaagggc aaggacacga cccggatgaa 240
 caagacagcc ggggaaaggg gagggaaatc gctgcctggg gcagaaaagc tatggagaaa 300
 agaaaaggaa agggcgga aaacagaaaga gggaatgaac tgagaggcag aacaacgtaa 360
 cgacttgca aaaaaggag ctgaaaag 388

<210> 6251
 <211> 694
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 6251

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 cggcgtttct ggtaatcagg ctctcgagcg gagatcctag cagccttttc acgtccaaga 120
 agaatgtcct cttcttcgac cccatttccc cgggcaaact cgtcaatctg gcttcgctt 180
 gcagtatact gcccaaccaa gcggtgtcca ttatccgct cctccatgtc ttcattcca 240
 tcgtcaacag cgatggaggt gctataacct gcatatttat cggcaccttc acgatcgtag 300
 agggttgtat cgaatgattc ggtcaaggag gcctttgtcg agttgtcagt gcgctggtta 360
 gacggatcaa aggtcctaga accttttttc gcggccgctg ccgcattgct ctcagcctgg 420
 agctttcgga cagcgtcgaa atccgctgca gccattatta gcgaagcttg cgatgatttc 480

agaattggag tcttaccgtc agacatgttg tcgaaggaaa agagctaaag acgcgatgta 540
gagcaagcaa cctcgggaaa aaacagtagc tgccgctaca tccggataaa aagacgtaag 600
ataaacgcca cggcgatggg ttggagtcag gaggtgggtat ctgaggggtgc accgngacgt 660
gaaaaaggat gaagtcaaga caaagtagat gact 694

<210> 6252
<211> 603
<212> DNA
<213> *Aspergillus nidulans*
<223> unsure at all n locations
<400> 6252

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gttgctgcgg ggtcaatcat cggaacactg aatctgtatg ggaacagttt aggggtgggc 120
ttcgcgtcga ctgttgaggt gcagattgcg aagacctctg ggaacaatat taccgggtac 180
cgcgccgcgt tatatttcgg agtcgcgatt agtgccatcg cactacttct tgatgttgca 240
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gcgattgagt tggctcaggc tgccacgacg ggtgctcagg tctcgaggct cgaggcggga 360
caggggtctt ctgtcgttca aagagtcgag taatctctca atgacatcct atccggttaa 420
taattgatgt gatagccctg atcgacactg cgctgatgcc aaatggaaac atctgctaca 480
acgctgataa cgagaatcga ggctgggtgan cgacaacatt gggttagcga ctgttngaca 540
cgacgataca gattcatatc gcgaagggtga agaacatgcg gagactggca atgcaacgtt 600
caa 603

<210> 6253
<211> 488
<212> DNA
<213> *Aspergillus nidulans*
<400> 6253

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agcgagctca gcagcgctgt gctggactct ggacagggtca agagttttac tcgggatttg 120
atcctaccag acgagcagct gtacaggcag cctgagggga cctggcgctg gcgggtgtgct 180
gtctgggtcat gtaggggtgc tcaggacagc taccaggctg ggcaaggaca caacagggaa 240

gcttgtgctc ggcattgcgg aatctccatc ggatggagta cagatattga tggatttgta 300
 cgctggcggc gaacgactgg tgtacgggtgc atagatctgt gtacagagat gatgtggact 360
 ctgccgctaa aggtctgcat gctagggggg gacattgccg ctgggctgat gggatgtacg 420
 ttcagggagg ctggatgact tcttattgag caaattgata tcgaggtccg tgatctaatac 480
 agacctta 488

<210> 6254
 <211> 764
 <212> DNA
 <213> Aspergillus nidulans

<400> 6254

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 aaagctagcg ataacgttgt ctgaggtaaa tgacgctggg cgtccttcgc tggtaaatac 120
 aaaagatctt actcagctta agttttgtga aacgacttga tatctaggct cgtcagggtta 180
 tctgacttta agatctcaga agaaaacaaa tgaaggagga gtaagtgtga gtaggggttg 240
 atgtgtttgt tgtccttgct cttctgctcg tctttctctc ctctaaacca ctaccgctg 300
 tccagccctt cactttgtcc gcacctaaac ccttcccaaa ctctttgcca ttctaatacgt 360
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 cttctcctac atcgtcttca ttctctcggt ttctcaactc tcttaactaa tcacctactt 480
 cctcgacaat ggcgcatttc cctatctcta tcgcctcgtc cctcactcat actctcttta 540
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 cttcctactc tctactccta ccttctctac tctcatcctc tctctcaaat ccttattcac 660
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 tcactttaca tcttcttct cttcctttcc catcccttc taat 764

<210> 6255
 <211> 637
 <212> DNA
 <213> Aspergillus nidulans

<400> 6255

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tatcgcttgc atattagatg tcttggctcct tggtcgtatg atggcatagt cggatctatg 120
gatatctcgt tgggcgtcag gcttctagcc cgtcggtcac tgagtgagcg tggctcgagg 180
aatgattgct tgaccctcgt tcctgaagct ccggtagatg aggtcattac caacagcagt 240
ccattgatat agcttgtatc aagagattga tgttagcttt cccagcggac tggccgtgtc 300
gacacctgca atgcgctcgg ttacaacgtt taaaatatcc tgcgacactt ccgccaagga 360
cttcccagca tcaattattc gaatatcggg agcgcgctga aggtcgaaga tggatttgaa 420
cagctcgcgt acacgagttt gcatggcttc gttctcgtag cgctctccac cgaatccacc 480
acgctttgca gcctcttcgg gagatatgct gaggaacaga catagatccg gcttttggtaa 540
accaacttcc ggttgccatg cccataccag tgaaagagaa ggattggcct tgcgagccga 600
gtagacatgc accagagtct ctgtatacta ccgtcgc 637

<210> 6256
<211> 522
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 6256

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ggccgggaat cttggaata aattcgccgt tgaaccatag acatttttct ccagttacag 120
ggtgaatgcg cacaagcggg tgaacggtgt cgacggggtc ttacgcacc aagccaccag 180
taaggcgggc atggttgatc atcttcgcgg acgagtggac tgcgcttaga gtgtcgagcc 240
acgagcagag ggtagcggac aaacgcctgt actgcagcgt tagctctgca tatacgggac 300
tttgacgaa aaatacttag gcagactcac ttataagcca aatcggtcgc agcaaaaacc 360
gtatcgctc caactttggg tccttcaagg agtcccaaca tgacatagcc aggcggttga 420
atttcatagc tcacatcttg atgccaaagg gtggtgagtt gtggcgctgt tccaaaaagc 480
gacagatttt cttcgcgggt tccatcngcg gtggaatgat aa 522

<210> 6257
<211> 804
<212> DNA
<213> Aspergillus nidulans

<400> 6257

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cttatagggg acttcaccat agagggactt ttgtactgtt ttcttttctt ttctgggctt 120
attccgccga gttttctctg atcccaggaa gccggagacc cgctctggaa gggattgtcg 180
tccgtaaaaa cactttcgct cttaggctct gccttgaatt ccatgtcccg agactctacc 240
tgcgtggggg tcagatctct tcgatgtcta ttcgaggtgg atggacgagg cgtgactgta 300
ttagaaggca caggagtcgt aagatgctca tcagtaggtt ctgcttctgt cttttgcgac 360
cgccgtgatc tggtagtcct tctgaacgac ggagtggcgg taacactagc ctcttttgta 420
tcaacagttg atgcgcgtgc gctggcttta gaccgacctc ttcgcccgtc agtagacacc 480
gacgatggcg ttggtgcgat gcgatccgc tagaagtctt gttcactaat gactgacgac 540
tagcgacttg gcatgtttgt gattccttcg ctggctcttc tcaactctct gcgctcccgg 600
aggagttttc tcgcctgagg aagaacctca tcttcagaa tgcggataag ctgggccttt 660
ttggccgatg cgggatacgg tacgtcgtga ctgacgagga tagagcgaag acgtggcaca 720
gtcagagaat tcaggtcgaa gtccggagac aaataatcga aaacgtcgga cattgtcgag 780
gacacgatga ccacagtaag aggc 804

<210> 6258

<211> 712

<212> DNA

<213> *Aspergillus nidulans*

<400> 6258

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catactggac gatatcagga cggatggggc agttgaaaac agccggcagg gggcaagtag 120
ccccggtggg cttgcctca cggaggcga tagagactgt aggacgagag gccattgttg 180
tcgacgtgag gctggttgtc gtctttcgag gttgcggatc aaagtcgctc acgaagttag 240
tcgaaatttt cgcttagttg atccatcgcc cggcgtctgt gcggcaaagc cctagccctg 300
cgatgaccgg attggggcag ttgtcttggc ggggtactgag gctgctacg tcaggcacca 360
acggctgttt atcgttcaag aacactaagt tcgacgacag gtttattaac gggagattga 420
gtggataatt tagataagtc gattacacac gtggtagtgc tgggcgaagt ctccaagctc 480

ggggcaccct gctgttcgtg gcggattcat gatctcctcg ggtggctgtg ggtgacaact 540
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 gttatatgag attgagtttc cttgagcgag cccgtttgtt gcatgaaagg tgggggctcg 660
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<210> 6259
 <211> 569
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 6259

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 taaggcacat ggaagtcaca gttgcaagga gcgctctggc gtcaatggtc gcaagggcag 180
 ccggtatata gttcagaacg gggatgagga tattccacac aaacgcaact gcacgcggtg 240
 acgtatatgg tgtgtctatg ctgagggtccc aggcaaatta gacagcccta agatcgtaa 300
 gttaacacag actgatcaga ggaacacagg ccagaagctt gctatacctt tgcaggttac 360
 cttgcgagca ggaacactat ggaaaattac agactaggta ccccttttac gacttgatgc 420
 actcattact gcatgatgct agccaggagc acacttgata cttcgatgac caacataaaa 480
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 ttagaaacag ctagaacacc tgcataagg 569

<210> 6260
 <211> 523
 <212> DNA
 <213> Aspergillus nidulans
 <400> 6260

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 ccaaagccgg agaacaagcg caacgcgtct ggacagcagc agcagccccc gcaaccacag 120
 ttccatcgaa cgggccttcc ccctcctcca accgccaata tccgcgggcc agtcccgcg 180
 cctccagagc aaccaccatc gccctacccc tcgcagcaat atcaacaacc tcgtcctaata 240
 atgccgcctc cggggctaga tgagcccggc ttcgccccga atgccttccc gacgcagcag 300

tacattgagc aatcccgctg gtatgacagg cttcttgacg tcctcctcgg tgaagatgaa 360
acacagccga agaaccgaat cgtcctgata tgtgctgcgt gtcggctcgt caacggccaa 420
gcaccaccgg gcgtgaagtc tctcgaagaa atcggccgct gcggtgcggg ggcttcggcc 480
atggaacggc gaggatagcg ctgcccgaag agtgctggca gat 523

<210> 6261
<211> 612
<212> DNA
<213> Aspergillus nidulans

<400> 6261

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gccgtcgtat tctccgccac gggctctgtg aatgcgggca agctggccgg aatctcgttg 120
cggatatgcg gtgcgcccgg ttaggggaag acgtctggga cgggatcgta gtgccagagg 180
ccgccgactc gatcacggcg ctcaaatacg cgaattctgc tgaaggttcc ttcatacaacg 240
agggctttta atgttgagag acccgaggga ccagtgccga taacggcgac ggaatcgtag 300
cggggagcca ttattcctca atcttcgggtt gggaaggctt gaggatattg ctggcgcgta 360
atatattgct gaagattatt taaggctcgc aacgcgagtc aagtgttgcg tggatcatgta 420
tgcccccaaa aataatgtgt cgaatgcaag gctggaagcc gtgaaggccc aataggccaa 480
atcacctgag aactgaaaag gcacacaaaa gcctcaatta accggcaaag gactaaataa 540
caacggaccg tataaaatag cctccaatgt ccaaatacctt cagaactttg atgaccacta 600
cctaaaggcc cc 612

<210> 6262
<211> 494
<212> DNA
<213> Aspergillus nidulans

<400> 6262

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aaccggcagg caaactggac acaatcgaag ggagatgcta cggacacaca gcgactaaag 180
gcaacgcggg gcgcttcaat tgaggaagga gctgccccga cgagctatga ccgacgcctg 240

acatctgtgt taagacacag aaggaacgac ctaagaaggg ccgtaccata gaaaccagtg 300
ggcccggtatt gccttacagg ccctgtggac tgcctaacca gcaaggcacc attatatgca 360
tcttcgagat cacaaatcca ggccaaacag gcagcccaat gataggctgg atcaggcccc 420
agaattatat gagacacatg gacccgagac ccaatacggc agcggccaac cctcactcct 480
ggaactgcaa atat 494

<210> 6263
<211> 588
<212> DNA
<213> *Aspergillus nidulans*

<400> 6263

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accaggaggt acatcatatg ttgcgatgca cttttttagc cagtatcaaa catctagagt 180
ataacagaca tagccccata catccagcga ctataccctt aaacaccatc tgcgccctat 240
tacacatcat aatgcaatag gacgccgaca taaaaaccct ctacaaacaa gctggccgcc 300
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tgaatcacct ccttagacca gcacctcaac ctgaattgaa ctacactaac accgacggaa 420
tcgacttact agaccttgac cacggacagg ctgaattatt gccaatgggc caagtctatc 480
tagctcactt acgcttcaat gttctcagtc tgtcattcaa gcacctttct ttgaataccg 540
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<210> 6264
<211> 625
<212> DNA
<213> *Aspergillus nidulans*

<223> unsure at all n locations
<400> 6264

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ttttcggaat ccctaagat ggcgggaacc tccattcagg cggagctttc cgggggggtc 120
aaggagcatc tggtcaccac caaagttttg gtttaaccgc tttctttaag ggaggcagcc 180

aagaggggga aattgtcggc ggatggaccc cccttaatcc aacggccggt gaaaataacc 240
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cgctatggcg ttgatcacc ggagataacc tgggattccg ttagccaacc cccgttttaa 360
ttcaatctac ttttattttt aatccgaccg ttactgggtat tttgttttta atctatattt 420
ttaattttta ttcactattc ttttatatcg ttatttttta tttcccttct tcccttttcc 480
ttttctcctt tctactttct tttactattt ttttttttta tttcacctgg ttttttttct 540
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tggtcttttt ttcattatta tttaa 625

<210> 6265
<211> 979
<212> DNA
<213> *Aspergillus nidulans*

<400> 6265

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tgctgagggg cgagaatgat tagggatttg atgttaaaag gtcaggggaa aaaccagtgg 180
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gcggtctgca tagagaagtg gttttttccc gagctttgca aggggttaga tgaaaagagg 420
atttggggcc agatgatgtc tgcaggtgaa tctggggatc caagtgtatg aatacggggg 480
gtataatggg acgcgaggag acgctaaaat aagtgggaac ccgtcagaat gagaagaatt 540
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 tgcaatgcaa gaacggggg 979

<210> 6266
 <211> 705
 <212> DNA
 <213> Aspergillus nidulans
 <400> 6266

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 aagttcaact ccgaaagtgc ctacgagtgg aacggtaaag actttactac agacaagaag 180
 aaagacatcg gaatccactg gattaaccct gcgaagcgtg agaggaaaga gcagttctac 240
 tccatagaca aatactaccg ccaggccctg gctactggtg gacgaacggc tgatccaaaa 300
 cctaaagtgc ctcgagcacc gaagcagatc gctattcacg actggcagtt cttccctcct 360
 ggccctcaag agcttcaaga caaggaaacg gcctatttcc ataaagaaat cggttacaaa 420
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 caggctatga ttgacaatgc ggcgctctg actgaagcgg aacaggcgga gaaaacgaag 540
 ctatcagagc aaggtttttc agattggaac cgtcgtgatt tccagcagtt catcaacgga 600
 tctgccaaat tcggtcgac agactacgcc ggcatcgtca ctgaagtaga cagcaaggac 660
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<210> 6267
 <211> 966
 <212> DNA
 <213> Aspergillus nidulans
 <400> 6267

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 agaaaaacac tgctgtgccg gttcagttta aaagaaatcc agccagtccc gggggttctc 180
 ctgcgtgcgc actgttagct ccccaatttc acttttagcg gtaggacaaa aatccacctt 240
 agggttgacg agccctttat acaatcataa ttatttggca tacattgtga caggtatagc 300

ccatgactcg cgtaaattc gaaatccatc actaaacagg tattaggtac tcggcaggta 360
tcattaactt cactcgaata tcaaaagaca agccacaaaa tctacttgta tatctgttag 420
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gtcatgatgg tggttttgtt gtgtcagata atctctgcac gtgaaggctt aagctaggaa 660
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ctcctttggg tatggagcca cgctagttaa tccttaccaa agtgtgggag cgggagagat 780
caaccgccga ccggagactt ggcgggtggt ctgaccagcc actggcatcc cggccagctt 840
ctttttccta actgccccag ggacaagcca gcagtccaca cttatacaa aggttttatg 900
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acagac 966

<210> 6268
<211> 216
<212> DNA
<213> Aspergillus nidulans

<400> 6268

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ccccagccg tcgcagaatt ttattgcaca tatcatacat cattgtaatc agaaacacgt 180
ttcactagtt gacttgtggc gttgttcata ctagcg 216

<210> 6269
<211> 580
<212> DNA
<213> Aspergillus nidulans

<400> 6269

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gacggtttat ggttccttct tgcgttggga tgaggcgtct gtttcagtct cgccgtctgg 120
gtctgagacg cagatggccg agtcgcgggt ctccgactgc gagtctgaaa atgagagcgg 180

cggtaggggc ccgtagggct ttccgtcctg gatttcgagt ttctttcgta gaattgcctc 240
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 tgctttctcc tgctgggtgct cttctctggag ctgcgttagt tcggccgcat gcttcttggt 360
 catacagtcg agttctctat ccatccgagc gatcgttcc tgcagacgga tttcttgccg 420
 gtctctgagg acttttattt tggcggcgtg gagttgagac atggacttcg taatcgtggg 480
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 cggaccctga gagggagggc gagcgctagt cttgggggct 580

<210> 6270
 <211> 498
 <212> DNA
 <213> Aspergillus nidulans

<400> 6270
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 ccgccacttt ctttcaagga tccaaccag acagtaaagg cgggatttct acaaaaggat 120
 catgatgtct gccctgctcg agcttgcgaa gacatcgtac aatgcgatcg actttggagt 180
 gaccacgagg tgccgagcag caccaggcta gcaccacagg cctgtgagga gaggatcacg 240
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 tcacttactt tcgaagatac aatacaccca ttgtgtccga caatgccttg ctacgcgcgg 420
 aataactctg atgcccgctt aactgcaggc cacaggaaca ggaggatgca gtcacagata 480
 ttacctacgt gctagcta 498

<210> 6271
 <211> 676
 <212> DNA
 <213> Aspergillus nidulans

<400> 6271
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 gaagactctc atagtcctgc tcgagattag ccagcttctg ctccagttcc attctgcggc 180

tgtcctgcag cacgttcagt tcgctccgat cattcacggt gagttccgcc tgcggatga 240
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 gctcgtgtc agaaaacact tctccgcaa gatcgaagcc agccatcatt ttagccatct 420
 tctcagcctt tttcttctcc ttctcgtcaa gcgtcgtgc ggtctccttt gccttcatac 480
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 cccggagact gtccatgggt atagcagctt ccttgctttc gtaggatact ttctcgagat 600
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 attttctttg agcgtc 676

<210> 6272
 <211> 549
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6272
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 aacctgaagc acatagccag cagccttgta ctcgtcaaac aagttttgga aagtcggcga 180
 atccatacca tgacgggcaa ccagggcgcc agatgcagag gtgtcccaga tgccagcata 240
 gtacaccgta ttaccaattg aataaccatt gacgttgatc aagcggatc cgtccttgag 300
 ataagtgtcg aacttcttct ggtattccgc cgcggtcatc ttgccccacg cccaccaggc 360
 ggtcccgtcg ttgatcttct ccacagtgcc cgcaaagcgc gcctcgccat tcaccttgta 420
 cgcactgaca tgtgtcactc tgtaccctg ctcgatatag gtattcggtg tacttctgca 480
 gggaagcggc atcgatgttg tggcgcgcca ccacacgcc aggcgcgggc gacttgtcca 540
 gactgcggg 549

<210> 6273
 <211> 1042
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6273

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 taacgacata tcattatccc gacccttccc attccactat ttctccacca aacaacacag 180
 atgcagacgc agactaactt tccgtgatat tcgtcctaag aagcctgctc agctcccgac 240
 gcttctggcc agccaagtcc gccaccgcaa tagccttctt cgctctctga cgacaatctt 300
 catccgcaga aacgaggaag aatttgaccg cctgagaaac gcagtcgttg caagcgactg 360
 aagatcgtct tcttgacatg cagctcgagt attgaaatgt gaatccgaat tgctcactgc 420
 gggctagtag gaaggcttgg tcgaggatta actcaggggg tggaggcatc tgaggaggcg 480
 ggggatgtgc tttttgttac tatgataatg cttgggaagt aagctgatga taacggctta 540
 gcgaaggaca gtaatagggc tcttttgtga tatattcccg gaccacggtt gaggaactgg 600
 gccggccctt aagactgggc ctgcaaaact taagggaac gttggggaaa ccaagaagat 660
 ggcttggacg agttcaactt tgataaatta agcccaatca gtgggggttac caggaacccg 720
 ggtggtcttt gaccagccag gttcctttgc caggatgggtg tggccaagct tttattgccc 780
 ctgaaatttt ttcagatggg taagtattct cttatagga cttcggccca ccttttttgg 840
 ttgggctttt tgtacgcctc ctttccacct gggaattgct ttcaacctgt tcaagggtt 900
 cataagagcc agttgtgctc tttctggccc tccgcgcttg gcttctttgt gacatgtgga 960
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 tctcttctac ttcctatctt ct 1042

<210> 6274
 <211> 465
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6274

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 ctcagcaggg gtcacatagc tgggtctccac gtcaccaatc agccagcgca gaggcgtccc 120
 aggtgtctcc gcggtccgct cctctatcgc aatcatcggg gtcacttatt cccaaatacg 180
 gctctggtca tcccattctc catcctcacc caggagctcc tatgtctcct ttgggtcgaa 240
 cgcacccctc tgggctttct ccatccaatc ctccagggtc gtcgggctta gttccgcgac 300

ctccaatggg ccatgagtta cccacatatc ctccacattc aagtccttac atgaaccagc 360
tccggggatt tcccgcccc aatgggtattc ctgtacttcc agggatgaac ggcacacgcc 420
caatgcccc aggtcgagga ttccctcttg atgcgcccgg ttttc 465

<210> 6275
<211> 543
<212> DNA
<213> Aspergillus nidulans

<400> 6275

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agaaaatata gtaattctgt acctttatat ggcagcacga cgtccttatt cgtctcaacg 120
tcttggtttt gcagtaggcg tagatccata gttttgttcc ttcgttacgt gattgttgac 180
atgtagatgt gaagatagag attgtccaaa ggaaagacga cacgatgtcc tctcaagcag 240
cccgaaagtc tcccgatcta gaagaggagt ttttgaatcg cgaagcgagt gagttgcttc 300
aaggctccgc ggcaactag acagagtata aaggatcaa catgccgttc attgacacta 360
tgtagactca cctgatagag actgtgtctg gtcttggaac ctgctagaat gctttttccc 420
tatgccatgg cattcgggtg aatcttagga aggatctgaa gtaccccggt caaattgagc 480
gaatatgaga agaataccat gtcgataaga aaatgaccac cgtcaagggtg tagatacaca 540
gaa 543

<210> 6276
<211> 585
<212> DNA
<213> Aspergillus nidulans

<400> 6276

gtcaattatt atataaaaaa cagtacaggt catagaactc ttctgtctgc tgtccacgtc 60
acaagacagg gctagtaagg ccataataga atcgaataag cgcagagcaa ggccacaccc 120
tacacggacc ctagatcacc tgccatcaac gatgtgaagt cccgacattt gtgcagctga 180
tcgaaaaatt tagcgattgc actcggacac tctcgtcatg attagggccg ttgttcaggg 240
gccatcgatt ggccacatcc tgccgtaatt tacgattcag ggtcgagacc cttaattctg 300
gggaaccgat atacctgaac gcgggggcaa tcagatacaa accaaccag accgctgggc 360

gtggtatgag atgcgagcat ctatgtcggg gtaccttctg aatgacaatg aatgtatttt 420
 acttctcgaa aagaatccct tgggcactga attgtgcgga gaatgatgcc ctgatatgat 480
 acaactagct tccgctccgt caagccacaa ggggtctgggc agctccgcta taaatcaaaa 540
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<210> 6277
 <211> 502
 <212> DNA
 <213> Aspergillus nidulans

<400> 6277

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 tacaaccctc atgacacctt caccgtgggg gaaattttta aacactgaag ggccgacatc 120
 cccccacggg acgaagccaa accgaccaag ggactgcata gcgcgcacaa gaggggatga 180
 tcaagcggcc aaggcacacc catgcccga cagaggcagg ggcccaaccg catagaggcg 240
 caaattaaca gaggaccgga tcgaatggga ggaaaagagc gagctacacg cccacgacaa 300
 aggaagagcc aaaatcgccg ccactacgag cgcgagacat gaacaggaag gctccacagc 360
 gcgacacaga gacccgaatc ctgaagacgg aatgaaagct tcaatagccc cgaatgaaac 420
 aagcgaggaa gtgcacaaat agatgaccct ggcggtgcc aaccgtccag aaaaggcaag 480
 ccaacaagat acgtaaacaa gc 502

<210> 6278
 <211> 568
 <212> DNA
 <213> Aspergillus nidulans

<400> 6278

gagaaccggt ttgattttgc cgggcttgag ggcgtacagg cgggatatcg ggtcgagggtg 60
 ctggtttaag ggtgagtcta tcccaggacc aatcaccctg ggagtgggta agctgacacc 120
 gcggcatact agcatggagc tcatcgaggc cgggtactctg gagataccgg ctctccgggc 180
 cggagagacg ggggagatcc cttcccttc ctocctcccg tccaaggcga cggcaggggg 240
 cgagacgtgg ctgaccgtct cgttcacgac aaaacacgcy acaccgggac tggatgcaaa 300
 ttatgagatc gcctgggtcc agcaccgtct tggctcaacg gcccgtctc tgctgcgtt 360

gacgccggca gccagcttcc caatccagac tcaactccacg aaggccgacc atatcataac 420
 cggcgcagac ttcacccatca ccttctcacg caccgaccggc ctgctgacga gctggcgatat 480
 ccatagcaga gagatcctcg ccgactccac atcggccgga ctgaccctgg gcttctggcg 540
 cccaccaacg gacaacgagc tcccgtac 568

<210> 6279
 <211> 652
 <212> DNA
 <213> Aspergillus nidulans

<400> 6279

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 tttcgctgga agaactcggt caactcggca gggaagacac cgtcgggggac gaactttctg 120
 cgcttcgaaa tagctccctg gacagcagcc atatttgca ttctgctgat ttattagttg 180
 tcgaagaaac ggccgaggac gcggtgatag gcggtgcacc aagggtggga agtcgctcga 240
 gggttcaggtc agttttgaga agttcggcgt tagtggggaa ttttgggtgt agggctttgc 300
 tttcctaate tggtcagggc aaaccctcgc ttgctctccg cctacacttt tctgttttaa 360
 gttatgccaa gacatcaatc ccaacaacca tgactaggca gtaaggcagt aagtgtatac 420
 ttcgagctca ctttaaaact gatcaatgaa attataggag tttcaagtac taaaatttta 480
 tgcagctact ctcacttcca ccaactaacg ctatcatttg tttcattcat cacagacatt 540
 cggccgtggc tgatagtatc acgtatatct acacaacagt atcataacgt aatgtagaag 600
 cgaagacaag acagagatct tatactgagg gtcgctggaa aaaaacaaga aa 652

<210> 6280
 <211> 561
 <212> DNA
 <213> Aspergillus nidulans

<400> 6280

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 tatttgtatc ttgaatctgg gacttagtga ttactttttg cccacaccgg atgttcctgg 180
 gatgtccatt caactggaaa aaccctcgag gtggctctga catacttggt aaaaatgccc 240

atccttctgc ctctcgccat cctggcggca cttacctact tgccacgatg gagcatgatg 300
 ggtgacccaa tccatattga cttgctagat gtacgttgca gtctgttagc tatagccccc 360
 tgatccttgc atgggaaact taagtgggag cactattccc tggctaacag tcaaggattt 420
 cacatcaagc ttcttgggtgg tttatgccgc ccagaggaag ctgctagtcc cttgagtgat 480
 cctacttctc agggccctgt cttcatacat aaggctgcgc cgcttcgtat cccctaacct 540
 tggttatctt agcgaaaatg t 561

<210> 6281
 <211> 571
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6281
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 gttgtgcctc cgcagggtat atatgaacag agccgggtgc cgggactggc ggcggagctc 120
 agaacgcaag acagacaaac cgactcacga acaagctgcc ctgacaccga accagctgaa 180
 gctccgggac cagagtcttg ctatcaggat ccctgtggca ccacaacaga acggaactga 240
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 tttgtgtgat gccaggtg gggcacatga ccgaacggct gcacactagc cttggtttcg 360
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 ggtaaagccc ctaagaacct cacgatgacc gaccgtggtg taccacgata catagctgtg 480
 ggcctctgga ccgtacatga gctcagtgtc tacatgattg gtaatagaag atacaagacc 540
 gacttgagta catcagccca ccgacacagg c 571

<210> 6282
 <211> 969
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6282
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 gaaagaggat gaggatagat gtaggagaga atgtgagaca ggagtaagag aggtaattaa 180

aggtccggag ggaagcaggg aatgaggttg acgagatgtt gggaaggatg tttgtggaca 240
 agacaaagcc tggtcgagga gaaggggggc agagcaccag agagaagaag taagggtccat 300
 gataagtcaa gggctctggct aatgcatgca ggcatattgt gggggaccaa ggctgtatat 360
 ggcagttgat tctcgcaaaa aaacgacgtc acaagtccca agcgtaaagc caagttttgc 420
 caattaaagc gtgaacaatt ctattgctac tgtaatatat gcaaagtcgc gtataatctg 480
 attgtttgag agatatatca tcggaacagc cgcagtcctc caaactgcc tgcactccaa 540
 gtaaccgacc ccttggaacc cccaattccc cagactcagc cctgagaacc cgacgcccc 600
 gccctcgcca tctcgtttat accgtcggag cgcttctctg agatgggaag ggagcagctg 660
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 aaacgcacca acagtgttcg tgtccgtgtt cgtgtctacc ggctcttggt tcaactgccg 780
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 gagccttgcc aatgctgctt gatcatgtgc ctcgcccat tccttctgca ctgtacgtgc 900
 cttttcaatt atctctccag caaacacctt tgtaaatacca ttgatagtag tcaccaagca 960
 tggccggga 969

<210> 6283
 <211> 922
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6283

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 gatgatgcac ctggagcctc gcgcggcggc agcgggtggca tgctgatct ttcttcctc 180
 gctagcatgc tcggcgggtg ccgcggtggt ggtggcggcg gtggcatgcc tgatcttgga 240
 tctttgatga acaaccccat gtttgccagc atgggtcaaa acatcatgag caacctgat 300
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 ggggtggca tgccggacat ggcaagctta atgagcgacc cgaacatcgc aaatatgtaa 420
 gtcttgctgt gctagctttc ttccggccca gagcactaat catattatag ggcgcgtaat 480
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atacctgcgc tgacgcccga cctttttttc ttttcgatct gaaattgtct cggtagatgt 600
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 tgggattaac tggccaaaaa aaaaacacca ggccccagg ccaagcagat gaattttggt 840
 tcaccctttt gggcatctcc aaaaaatcca ggatttggtg ggccgcacct ttaaatagat 900
 gaattccttt tccaacggaa tt 922

<210> 6284
 <211> 303
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6284
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 tttcaccttt acgggccaaa catatagacg gggcgctttg atgtccagct ctgagaaaaa 120
 ccacaggggg tegtactct taaaacacga cgcttgccac aaaggggaca cggactcatg 180
 ggggacaagc gtaacaccag gcggtaggta atgcctgcac tcataccccg gggtcaggcc 240
 acgcgcattg gccaccaggc cgtgggtcact attaataaaa gtgccaaccg agctgtgaac 300
 gcg 303

<210> 6285
 <211> 705
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6285
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 gacccgagcg cctgtttgag gggaacgttt tcgagtcccg ccgcagcgtg atcaagactg 120
 ccgtggtgca gcaaagctac gaggagaacg ggtttcccat tgtccacggt tgggtgttca 180
 acctgaagga tggactgctt aaggatctta atattgactt tcctgggata ttggcggaca 240
 tccaaatgat ctacaacctc accagggttc ttcatagatt atgttaagag tgcaagtggc 300
 gttctggaca cggagtagag ggcggttac tgggttcaac gcgcagagcg cttgttattt 360

tgcacagtca aattagcagt ctataattca tcgctgattt ccaacgaaac ctcgggaggg 420
aaacattggc tggcggctgt agaacgttat cgtgctcgga attcgacgga tectagctcc 480
caacaagcca tcccgtgect tgaatttcg cgtgagccgt gttatcgctg gagatctttg 540
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tgaaataaaa tcagccgatg acgaactggg tccaacaat ctccatacaa cggctttcta 660
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<210> 6286
<211> 867
<212> DNA
<213> Aspergillus nidulans

<400> 6286

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attctagggtt aagataatcc cctggaatat tgcccatggc atccaccatt aagtcaatat 180
ctactgcttc ggctcccaag gtacagcctc cccgggctt caataaagta cggggttggt 240
caaagtccac cggagccacc atcaccacca aatttttaac cttatccggg aatagagaag 300
cgtaacacag gctaaatgtg cccctctgac aaactcctaa caacgtaatt tttctctgct 360
gggagcgttg acaaataata tcgacacagt tggtcaaata tccagacaaa taatcttcta 420
gggtcaacca acgatcgccc cgggagggat aacccaatc aattaaatac acgtccaaac 480
ccagtttgag gaggttggtc accagggagc gtccttctg caaatccacc atgtaggggc 540
gatttaccag ggcgtaaaca attaaaaccg ggataggtaa gggattttcc accaccggtt 600
ggaaacggta aagaataacc ttatcttctt ggtaaactgc ttctttgggg gtaaagccca 660
cctggatgtc atcttcattc aaaccctgca aattttccaa gccagagaga aatttttcag 720
taaaatctag gggttcattg agattttctt ctaacccac ctgagcaaaa aaaggcaaca 780
taatttttaa ccaatgaacg ataaaaaata gtaaaaacat tgatggtgaa ttaactatcc 840
agcgggtcct ctacagtaac ctgcagc 867

<210> 6287
<211> 916
<212> DNA

<213> Aspergillus nidulans

<400> 6287

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tacttgagat acccaacctg atggcacgag gggggaaagg actgagacta acggaagcag 180
attgataatc tgatggaaga aaaaacagca cacgagggtc tcattaacaa tcgtaggaag 240
cacagttgtg atgagcaggt tcacttccgt aaagcctttg aacggagtcg acggcgctca 300
gggccggacc atgtgcaaag gcaggggcaa gaacaattac aacgtctgag tcgagctcat 360
aggacagga gcttgccagt gcggctggtg agatttcggg aaaggaactg agctgagcca 420
gatatggcca gcaccgaacc ggcaacatat cgaggcggag aacggaaaac gaagaacgaa 480
cttgacccat gaacccgtga ggaacttact gtcaacccta agccagtgcg ggcgatctgg 540
ttcttagcgg cgtggatcta aaaagatgga gatatgacat tgacaagggtg gggtgaaaaa 600
gttgatgaat ggacacgcct agtatacttc tggatgaactg atagcatgac aaacagcctt 660
agagtgtatt cccgttcgac taggatcgaa gtgagatgca agaaaaaagt gacttttagg 720
ctgagaaatg cgatgcgact cgaaccctag accaatatga aatacatggg tttgacttgt 780
ttaatccagc catcgttttc tgtttgacac gatttttaggt ttgcctatgg taagcttaag 840
atcataactg aaaaacttct gaagccgaag atagtttggc ttattttctt atccatgagt 900
gcggtttcag gtggtc 916

<210> 6288

<211> 657

<212> DNA

<213> Aspergillus nidulans

<400> 6288

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tatgcctgta gagaagtgag aaattagtca aagcggctgg actaagaaga aagggcatac 180
caatcatggt taatttttac agtaaagggt agcgcaccga agaacctgag gtctgggctc 240
tgttcggtaa gaagacagtt cgcgatgacc caggcatggg gccctttttg caggttctga 300

agaagctcct gaatctcatt gatcttggcg gggttgcccg tgtttgctgg gtcataaagc 360
tccaaaacaa gctgggtaac cttcatcagt ccggtagcct aactattcaa ggggtcataa 420
tcttaccttc ttgtcccat caatggccca ggctgatct gagtggcca tggacatagc 480
cgagcacctg gggaaagtgg acaaaaacct ggagaaatga cgatttgagg ccggtactac 540
tccagtatag atgccgataa gaatttcaga tcacgtgctg ataagaccat ggaggggaaa 600
cagatcctat ctaagcgggg gaagcgagac tatcaccttt agttaactag tgggtga 657

<210> 6289
<211> 571
<212> DNA
<213> *Aspergillus nidulans*

<400> 6289
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agtgagtatc gcagggttta ccagtcctg cgttgatac aacgtccagt tattcgagct 120
cggcccccg ggatcgaccc agaattaacc cccctcctgc ccaactggca acaaattacc 180
gggcagatta ggccattttt gcttttatta gccggcaacg gtttatgcct gttttacagc 240
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gttgatgtaa ttctgaagga atcgtaatc ttgctagaag attggccccg gttgggtggt 420
gtcagtcctg tgggtggccc cctgccact tgggtcgggt tagttttact tcaggtgctg 480
cttcccctgg ccctagccct tgtggccggt attttaaacg tcattcccgt caattggccc 540
ccagattagt ctagtcccc ccatggcgat c 571

<210> 6290
<211> 513
<212> DNA
<213> *Aspergillus nidulans*

<400> 6290
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gctgcacaca ggcgggaaaa gtgactaacc ttcttgaaac tgccctgac tcccctaacc 120
cagaacctca actgctcttc ctccgactc acaacgccc ccttcgccgt caccagcgac 180

ccgctcttat agtgcagcag aactgtgaac gagtcctgaa agccggaggt attgacctcg 240
cgctgcgagc ccaacgaaccc cgtcacccgc tccggcttgc cgagcagata cagcgctga 300
tcgagcaggt gagagccaag atcgtggatc gcgctgccac cgggtacaac cttgttcttc 360
catttcgaaa cggtaggagc gggttcttca gggcggtggc ggtcgaagtg ggtttcaa 420
tcgacgagc ggcgagctg gccggattaa acgagcttgg agaggggtgac gaagtcggcg 480
tcccagcggc ggtcgtgctt ttgtaacgat ctt 513

<210> 6291
<211> 654
<212> DNA
<213> *Aspergillus nidulans*

<400> 6291

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cgtatcattg ttttcggagt ggatcgagga tcagcctgct gctaaagact ttggatcctg 120
ggatttaaag gccagcatcg agctgctgaa ggatctgcct gagtttggag tggacttctt 180
ggatgtgagc tcggggggca accataaaga tcagaagttt catttcttca cggactacca 240
gaccgaaatg gccgcgaagc tgcgcaagga gctcagggct tctggtgcaa ggacacttgt 300
cggcgctggt gggttcataa cgcagcctga tgctgcggcc cagattgtcc agggagctga 360
tgaggagggc gttgaggcca aggccgatgc cgtgttaata gggaggcagt tcttgctgta 420
accagaatgg gtctgaacg cggcgaagaa actaggtgtc caggttaatc cccctattca 480
gtttggtcgc gcgatgtgat tgaatatgtg gggttttttt tcctagagga aatatacctt 540
tgaggagtacg gctagaaatg gtgtctcagt aaactgtatc cagacaatga atacgtcact 600
tgaaagacaa caactattct tagcacttga gcgtctgcgc ccatccatgg aagg 654

<210> 6292
<211> 482
<212> DNA
<213> *Aspergillus nidulans*

<400> 6292

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tattttcgcc atatggaaaa taaattttca gtaaccagtt caaatgagcc gctcatctg 120

cccacctgcg acacggttat gaagaatgac gatttccctc ccggcctcgt cccgactatc 180
agttggatga cgtgtgttga ctcttatcg caagtggaca cttggagacc tagtgaggcg 240
cttatgggac tagcgcccat tctgggcgtc aggtgatcgt cgcattgcgg tcccccgctt 300
ttcgcatccg gtccttgcgt ggagtcttgt caacttgtca ccgaaacaat aatgcttcgc 360
catagataca gggaagaagg ttaaaccatc ttcaacttca gaggctgtac gtggatatac 420
gtacctcact acgtaagata tgcaagggac cccaatgcgg cagaaccagg tttgggctgt 480
tg 482

<210> 6293
<211> 599
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 6293

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cttactcctg ttatgctttt tactacgcta ttgggatcct gcacgtggac gaatgttcca 120
cccctcgtat cgctatgagc cccgcattgc tggggccgct tcccagtgag gggctcatct 180
gccagcacta ctggtctggt ttctcccag aatgcacata aagcattctt attggcaggc 240
ttacatactg atctctgac gaactaccgc aggcccgat atcataggat gtacagacac 300
tggtgtaccc ctaggacaaa ttggcagcta atatcgccgc ttttgtagg accagtgaat 360
tagatccatc tacctctgta cgacactggc aacaatatac ggaaggtgca gagactgatg 420
caggaagctc actgcatcta attgaggatg gtacatcatt acttaccttg tggttngcat 480
acagccctgc tagcgctagc agacaacaat ctccaaggat gcagatacac ctcatagata 540
tgctacgatg cgcaacaata tcatctcact atccatccag agcaagtcca tagacggtc 599

<210> 6294
<211> 533
<212> DNA
<213> Aspergillus nidulans
<400> 6294

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tcgttgattt ttccggcgat ggtgccggca caattgaact cccacttggg tcctctatag 120

atgggcgact gggaacgtcc tgcaggagat cggctctctc cctggctttg acaggctcgtc 180
ctttgatcga acagcagtcg accggcagaa gaacgggtttt ccgagcttgg atgctatcac 240
taggccaaaa tccattcacc tttctaaaaa ttgctgcttg acatccatat ctaatagtga 300
ctccggtgat agtgtccgtg ggttgaactt gatgtacgta gaccagcgcc tcttcattctt 360
gatccgtatc cgctctggac tgaactgtcc ggtcattaga atctcgccgc ttgtgtcgag 420
aattaagatt ccagctcggg tcagtatccg ctagtagcaa tgccctccatc tttttcgcat 480
gtaccatggc ttgtctttca tcttgagtgc cggcgccgat ctccggtgtg gtc 533

<210> 6295
<211> 480
<212> DNA
<213> Aspergillus nidulans

<400> 6295
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atagaaaagg aactgcaca ccaccaaagc gcagtaacat attgcgacag gaacgagcac 120
acatattaca cggcatacga tccgagcact tataccatgg agaacacggc gagtcttatg 180
actgcatcat accaatgact gacagacatt ggcggcctca agcacagAAC ctgatatatt 240
tgttacagga cagcatgagc gacgtgtcta ctggcgatag gttctacact gatctttgcc 300
tgagctgtta ctgctgcgca aagatctctg acatcgcccc gatggcatag cagcgccac 360
ctaactattg gaccgctcat gaacgagcga aactagctac tactgcgtac agacacacat 420
tgcccttggtc ggagcagaga gctttccgca taggagagaa tgcattgattg agagcgactt 480

<210> 6296
<211> 1139
<212> DNA
<213> Aspergillus nidulans

<400> 6296
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ttaatagttt aaataattgc acatttatct tagaatttgg ttgcgatgag cgccttaacc 120
attactaatg ggatcaatcc ggttacctcg aatagacta atcctaaaag acgtagtgtc 180
ggcgcatatt ttattgatac cgatcgggtt agcggagcct gtgatcctct tacctgtgtc 240

gatggcaatc ccaagtgcac tcggccgccga gaattactct gtggctgcac tttcctcctg 300
acttgacttc tgtggaggca gagcttgaga cttttactat tcgaagagga ttgaacttaa 360
tgaggagggt gcaattcggg ctgaattctc cataccctgt agataaccgg tgctaatttt 420
caaccctcac taccataga aaaagaatgt ctctattccc cgcctattct cataatattt 480
cgtgtacttc cgaatatgtg gaataattgg cttcttgaaa agagtccga gcgtttttct 540
ggcccatcgt ctatgctgtt caatactttc tgggaagttc tagcttcatt gttgggtgta 600
tatacctttt acgtctagga gcccttttgg tctttacaat gtggcatgat aaatggttgg 660
cttttggttat ctttgggccga atgaattggg tccatatccc atataacctg tttattttaa 720
gtttggtccg tctttttgta aatttcgaaa acctaacttt gttatgtgtt aatttttact 780
ccttaacacc ttggcgtgga cgagctcaat aaatattgtt cctgtttttg tcccaccctt 840
ttttggagtc attttttctt gttttttcca aagtgatgta tctatcctag tagttttccc 900
ttaatactta atgctcacta tggtatcttt acgtttttct ctgttacagt ggttttgctt 960
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tggctatata ctctcatttt tttatgttaa atctttttca tatcttttgt taactattg 1139

<210> 6297
<211> 611
<212> DNA
<213> Aspergillus nidulans
<400> 6297

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cacattggac atatgtgcgc acgacattgc ctgacgttga tatgaaccgg attgacgacc 180
taggcacgtc agggatatatc gactacaccc tgcgaggcgg agaccgactg gcacaggcgg 240
gcatgtatcg ctatgcctgt gagtaacgca gcacctaaaa tgcgcaaaat gatcgccata 300
gagcatcgtc taaagcgccg aataccaacg aaaagtaaaa ctgcatgtat gcggatatcc 360
gaccttgtct tactgggctg actgtcacat ggctctgatt ctgcaatgtg aaggacatga 420
tctgctgcag gctgtggagc cgtggcagca tgatacactg accgactcac agaaggatca 480

tgaagctcat atagatcgac ctaatatcga ccatgcacag aagctcaagc tgatgatacc 540
tagcggatatg aaaggactgc tgtttgcacg caaacaaaag gtgcatatcc ttgtcgatgg 600
aatgcacatc a 611

<210> 6298
<211> 522
<212> DNA
<213> Aspergillus nidulans

<400> 6298
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gggacgaagc tgcgaacttg gggtcctttt tactggttac aggcctggtg gacctgggtc 120
catgagcgtc cagatacttc tagtggtagc gtaaatcatg ggatcaacca actggataga 180
gggctgatgg cagcaggctg tgatgatggg gttgcaagtc tcggagacaa ggaaggcagc 240
tctgggttct gagcgtccaa atactataag taccatggga aatctggcat taccctactg 300
gaccagggc ctatggaacg ctgtttggag ggcagggttg cgggtcctga gcacatggag 360
agcacctttg ggaacagcgc aatcagacac tttaaagagg gtgcggaatc tgggtgtgaac 420
cagctggatt gagggctcgt ggaacggggg taaaaagttt taattactcg cacgggaaac 480
aagcaaggac acactcggag ctgtgcatgc taaaccctga cc 522

<210> 6299
<211> 944
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 6299

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ctcgatgagt tcatcggtgt cgacggggcc ctggcacctg tcaataaaac tctcaaaaaa 180
aaaaaaaaa aaggccctgt tccgtttgct ctaaccgccg atgggggagg ccaaaaagac 240
cgccaagca acttagtaag ttccccaaaa gtatttgagg tctaattaca tacaccetaa 300
tcagaggccc ctgtttccat cgcgtagaac cagcccatgt gtaaccaggt gtccttcta 360

aataaccgga cgggcatccc aactctttcg ggactcggga acactagaat gaaaccacac 420
ttagtgcttt ttccccaacc cccgctcagt cacaacatta atgagtcgtc tttacttcaa 480
aaacgattgt aaccatcata aaccttcgc aatatggaaa attgctatca acaatattct 540
tcacacaccc ttgaatgatg catcattctt tgaaaaaaat tccccttatt aatacaaaca 600
atctagccgc cccggagttt ttaaactaat tttctcctta aaaaaaatac tgggggtccc 660
caccctcggt ggctaatccc cccaaaaatt ttttaaattg ttcaccccc ccaatttttt 720
tggggggcct ccaccatttt ctccaccaaa tatctcttat tcataaaaca ttctcctctc 780
tctctcgaaa tataattcct ctctctaaaa atttttgtga ttttaaacac atctcttata 840
attaaaaatt ccccccttct tacctgtgtt aattttaatc ctatcatatt tctattcccc 900
ccctcttctt tagtcctttt ttatatnttt attttttctt cttc 944

<210> 6300
<211> 844
<212> DNA
<213> *Aspergillus nidulans*
<223> unsure at all n locations
<400> 6300

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atacgccaat ccccggtcca tttcgtggca gatagaactt ttgcgccgct tgtcaaattg 120
caatgttcgt attgatggct taacaatagg tgctggtgtt ccttccctca ccgtggcaag 180
cgagtatatt gagaccttgg gtctgcgaca catcagcttc aagccggggt ctgtggctgc 240
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gacaggggga cgcggtggtg ggcatactc gttcgaggat ttccatgccc cgatcatcgc 360
aacatacgga ataattcgac aggagcccaa tgtctacctt gttgctggga gtggcttcgg 420
agatagcgat agtgtttata cttatctcac tggatcttgg tcagtagcaa tggggcaccc 480
ggcaatgccg tttgacggta tattgctggg cagtcgcatg atggtggcga aggaagccca 540
tacctaccg gcggtcagga gaatcattgc tgctactcca ggtgtgtccg acagcgagtg 600
ggagaagacg tattctggac cagcaggagg ggtaatcacc gtcacgtccg aaatgggtga 660
gccattata agatcgccac ccgcggtgtt tgtctctggg cagatttgga taagactgtc 720
ttcagcctct cgcgaagaga caggttgaca tatctggcgc aacatcgtcg ctcaattatt 780

caaaggtaaa cgccgatttn gcgaaacatg gttggatgta actccgaggt gagggccgcga 840
tcta 844

<210> 6301
<211> 594
<212> DNA
<213> Aspergillus nidulans

<400> 6301

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cggtcgcggt gatagcgccg catgcatgc cggtgagagc tcgtccagca tctgctctag 180
ttaacaacct tgactactac ggggatatga cttacatata taggaaaggt gatgtgttgc 240
agccgtcatc acaatcgcg ccaataagaaa cagcagtgtg tttgcctgaa gggcccattt 300
acgccaatt ttgtcggtca cttggtccgg ttagccagtgc agaccgtctc taacggcttc 360
actcaggcaa gaagcagaag atggcgccga aaaatgcgcc ggctgaaag gttgacgtga 420
tattgcttga aatatccgcc gcctccgact cgacgatgtt gaaggcatca acgaagcttt 480
ggcgggcaat ggtagttccc aaaaagccg agtcatagcc gaacctggcg gatcagttgg 540
atgtttttcg ttacaacagc acctactcac aagagtgtac cagtggcaat gatg 594

<210> 6302
<211> 537
<212> DNA
<213> Aspergillus nidulans

<400> 6302

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gtttttgcc aattccaaata tgccgtttct acctggtgaa gctctgccgg cagctctcga 120
aagatagaat aaaccaccca tgaagaggag ttagggcca aaggacagca cggtagccat 180
ccatgggact tcatcaacat aggaacggg gatagctcg gaagttggaa tgcogagctc 240
aaattgggct tggtcaggtt ttcgctcgaa actctcaacg gatccgacag tgaaatagta 300
gtagaagttt ggtgaagctg caggtgaatc aggttacgtt cgagccaccg catcacggtt 360
cagttcgaca cgaaccctag ttctgttggt aacggtcaat ctctccacaa gtcccttacc 420

caaaaatttg ctctaaact cctcccatgt gatgtccttg ctattgtcgc caggaagat 480
gctgcggttag atgtaatagg cgatgacagt cctgatcgag gtcgtcggta tcgagta 537

<210> 6303
<211> 343
<212> DNA
<213> Aspergillus nidulans

<400> 6303

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ccgacagatt ttccccaacc agaaagaaag cctcccgagg aggcattaaa aactccggac 120
gccttaacaa aagaccacaa acccatcttg tcgcacaacc agcacataaa aagcgacgaa 180
gagacaccaa gcaaggcaac ccaaccgccc taaaaaaact ggatcgatat cccgagagat 240
atcaactgat cgcccaaagg aaaaccaggc cccgatcaac caaacagata acccctcccc 300
taaaaaaaca atattcgaaa cctgcaagaa cggaatgccc aag 343

<210> 6304
<211> 869
<212> DNA
<213> Aspergillus nidulans

<400> 6304

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gtaggagctt tacttgtgga gacaggcgca gatcagtcca atgccggctt cggcattgct 120
atagaaatag gatgggttagc acagccatct cgtaagggtcg gcttggattg ttgagtaaga 180
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catagcattg ggataggaag aacaaggatc cagaagtcgc ttatcatgct gatgggtggag 420
tcggcgataa tgaccttgcg ttggtcgagg cacgttccac ccgtgacctc ggcgccaac 480
cagtacgtgg agataggctt gcagaagaag atcttgatga aaaggtcggg gatgtagtag 540
aggagcagga cgaccattgt cccctagacc atcatgacct tctggcggtc ttgagcgaaa 600
atcccagca tgacagccag gaaggcagtt tgttacaaaa ccatgggccc taacaaggtt 660

ttgctcagag ccttgagagc gggccagggt aaggggttct ttggtgcccg tgtaggtgct 720
 aaaaccttga ctggctttgt ttgaccccc ccggggctcc cgaatgcact tgtttacatt 780
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 ttccccaagt tccacccgct ttaataaat 869

<210> 6305
 <211> 495
 <212> DNA
 <213> Aspergillus nidulans

<400> 6305

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 ctgggaaaag gggcgccctt ctgcctacc gggtcgccct ctggcaccca actctaataca 180
 cgcacctctt caccgtgtgc gtgccgtaca gtccgcccta caagagatac atgacacttg 240
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 gctggaagtc tcaagatata gaacttgcct ttgattgtca tategttttt gatttcttga 420
 aactgttttt cctttctcta ctactcctt tctttcctac tgtctcctct catttctttt 480
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<210> 6306
 <211> 547
 <212> DNA
 <213> Aspergillus nidulans

<400> 6306

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 cccggtggca cagcacgggg cgaatgcgtt ttggccaag ctccaatttt ccgaggagga 120
 cgatactagc gaaccggcat tgggtggacca tgatcttgag tccaactttt cagggccttc 180
 aacgtatcca gtcggagact tctcccagtg gaccagtaac aatacttcgg cagatcatga 240
 gcagccaagg attccgcctg cgagcggacg ggaatgcacc atatgcggcg ctcgatttac 300
 gcgacgatca aattgtcggg aacatatgaa gagacataac ccagcaaca gaaagtcata 360

tgcatgcgaa atctgcggaa aagggttgg ccggaagacg gatctaaaga ggcactgtgg 420
 ataagtgtat gccttcaaaa cctttaccca ggttcccttt gtaggcgtta atgaatgaac 480
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<210> 6307
 <211> 656
 <212> DNA
 <213> Aspergillus nidulans

<400> 6307

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<210> 6308
 <211> 639
 <212> DNA
 <213> Aspergillus nidulans

<400> 6308

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<210> 6310
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 <213> *Aspergillus nidulans*

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agaatcttta cgtggtgaga gcaggcaggg gttggcttag aatattctgt cttgagataa 180
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<210> 6311
<211> 582
<212> DNA
<213> Aspergillus nidulans

<400> 6311

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<210> 6312
<211> 770
<212> DNA
<213> Aspergillus nidulans

<400> 6312

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<212> DNA
<213> *Aspergillus nidulans*
<223> unsure at all n locations
<400> 6313

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<210> 6314
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6314

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<210> 6315
 <211> 578
 <212> DNA
 <213> Aspergillus nidulans

<400> 6315

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 <211> 1013
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 6316

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<210> 6317
 <211> 1003
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6317

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<210> 6318
<211> 943
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 6318

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<212> DNA
<213> Aspergillus nidulans

<400> 6319

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6320

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<210> 6321
<211> 1189
<212> DNA
<213> Aspergillus nidulans
<400> 6321

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<212> DNA
<213> *Aspergillus nidulans*

<400> 6322

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<210> 6323
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<213> *Aspergillus nidulans*

<400> 6323

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<210> 6324
 <211> 590
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6324

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 gcccttcggt gcgcttctca gcctgaagcc tcgctgaaga cctagttgag cgagcttcat 360
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<210> 6325
 <211> 544
 <212> DNA
 <213> *Aspergillus nidulans*

<223> unsure at all n locations
 <400> 6325

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<210> 6326
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 <212> DNA
 <213> Aspergillus nidulans

<400> 6326

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<210> 6327
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 <212> DNA
 <213> Aspergillus nidulans

<400> 6327

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 gggaaaagga ggctgggatt agagaagagg ataaacactt cagtggggtc agaagttgga 180
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<210> 6328
 <211> 560
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6328

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cccacagccc acagcccaca gcccacagcc cacatagcca cactgcccac gctgcccaca 180
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<210> 6329
 <211> 536
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6329

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gtttccaaaa cctacaagac ttaagagggt gcaggatcta gaactgcaa aaaagatctt 480
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<210> 6330
 <211> 922
 <212> DNA
 <213> Aspergillus nidulans

<400> 6330

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gtggacacgg tctgttcggt gaagggcatg gtaatggtgg cgagtctgtg actgtctgtc 180
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<210> 6331
 <211> 672
 <212> DNA
 <213> Aspergillus nidulans

<400> 6331

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catgctcgag cacggcaggg tagtgtatgc tcatccttcc agcaatagaa aggggaattg 180
ggagttagcg gaagatggcg aggagattct caagaagtat aaagggccct gaatccatcg 240
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agtatagagt ct 672

<210> 6332
<211> 529
<212> DNA
<213> Aspergillus nidulans

<400> 6332
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cattacgaaa agcaccgcat cactccctca tgccttgttt tccatcgtcg atgcacatac 480
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<210> 6333
<211> 535
<212> DNA
<213> Aspergillus nidulans

<400> 6333
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cgagctaggc atgtccttgt atgcaagggtg gatggactgc tgcattggaga ctacagctac 180
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 aagagctggc ggaaaagggg cgtgggctca gctcgaactg gttgacggtc tggattaaat 420
 ctggaaagga ggtttcagac aaatgtcaaa tgataagtca ataggtaatg aatacgatga 480
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<210> 6334
 <211> 557
 <212> DNA
 <213> Aspergillus nidulans

<400> 6334
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 cttcatcggt ggctttgagt tgctcaataa ctcgagcggg aagagccttg tttcccagag 180
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<210> 6335
 <211> 815
 <212> DNA
 <213> Aspergillus nidulans

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<210> 6336
<211> 554
<212> DNA
<213> *Aspergillus nidulans*

<400> 6336
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 <211> 976
 <212> DNA
 <213> *Aspergillus nidulans*

 <223> unsure at all n locations
 <400> 6337

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 <212> DNA
 <213> *Aspergillus nidulans*

 <400> 6338

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<210> 6339
 <211> 529
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6339

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<210> 6340
 <211> 836
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6340

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<210> 6341

<211> 332

<212> DNA

<213> *Aspergillus nidulans*

<400> 6341

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ataatgagta ggtgtgctct ctgacattac caggttcaga tcctcttccg agtcgaacga 300
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<210> 6342

<211> 623

<212> DNA

<213> Aspergillus nidulans

<400> 6342

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<210> 6343

<211> 1520

<212> DNA

<213> Aspergillus nidulans

<223> unsure at all n locations

<400> 6343

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